

SCIENCE



RHODES UNIVERSITY

2003

GRADUATION CEREMONY

1820 SETTLERS NATIONAL MONUMENT

FRIDAY 11 APRIL 2003 AT 10:30

CHANCELLOR

G.J. Gerwel, B.A.(Hons), D. Litt. et Phil., LL.D.

VICE-CHANCELLOR

D.R. Woods, B.Sc.(Hons), D.Phil., F.R.S.S.Af.

PRO-VICE-CHANCELLOR

C. Johnson, B.Sc.(Hons), M.Sc., D.Sc.

CHAIRMAN OF COUNCIL

The Hon. Mr Justice R.J.W. Jones, B.A., LL.B.

PRESIDENT OF CONVOCATION

The Rev. T.S.N. Gqubule, Ph.D., D.D.

DEANS

Professor I.A. Macdonald, B.A.(Hons),M.A.

Professor R.T.F. Bernard, Ph.D.

Professor R.B. Mqoke, B.Juris, LL.B., LL.M., LL.D.

Professor G.J. Euvsard, M.A., H.D.E., B.Ed., D.Litt. et Phil.

Professor A.C.M. Webb, Ph.D.

Professor I. Kanfer, B.Sc.(Pharm), B.Sc.(Hons), Ph.D.,

M.R.Pharm. Soc., F.P.S. (SA).

Professor J.R. Duncan, B.Sc.(Hons), Ph.D.

Dean of the Faculty of Humanities

Acting Dean of the Faculty of Science

Dean of the Faculty of Law

Dean of the Faculty of Education

Dean of the Faculty of Commerce

Dean of the Faculty of Pharmacy

Dean of Research

REGISTRAR

S. Fourie, B.Th.,B.D.,D.Th.

VIS VIRTUS VERITAS

Quae paris cives animo vigentes
Africae praebens rationis artes
Alma te mater canimus libenter
Nos Rhodienses.

You who produce citizens of vigorous intellect, as you
offer to Africa the arts and skills which come from
reason - we who are Rhodians gladly hymn you, our
Alma Mater.

Veritas semper pretiosa nobis
Praesit et pellat procul omne furtum
Neu sinat quemquam male consulentem
Discere falsa.

May truth be always precious and preside over us and
may it drive far away all deceit, nor may it
allow anyone with evil intent to learn what is
false.

Quicquid est foedum cohibere, quicquid
Integrae vitae proprium tueri
Caudeat virtus studiosa pacis
Visque benigna.

May virtue and courage, eager for peace, together
with well disposed strength, rejoice to restrain
whatever is disgusting and to uphold whatever
belongs to the fullness of life.

Purpura cincti et memores parentum
Cuique nitamur dare iustum honorem
Neminique umquam licet invidentes
Astra petamus.

Clad with purple and remembering our fathers,
let us strive to render to everyone with honour
which is due and without envying anyone let us
aim for the stars.

ORDER OF PROCEEDINGS

The Congregation is requested to stand while the Choir sings Vis Virtus Veritas and the Procession enters the Auditorium.

The Chancellor will constitute the Congregation.

The Vice-Chancellor will welcome the Congregation.

Professor Stuart John Saunders will address the Congregation.

The Dean of the Faculty will present the candidates for the award of the Degrees of Bachelor, Bachelor with Honours, Master and Doctor of Philosophy.

The Vice Chancellor will present:

Peter Graham Clayton for the award of the Vice-Chancellor's Distinguished Teaching Medal.

Warwick Hugo Hans Sauer for the award of the Vice-Chancellor's Distinguished Research Medal.

Christopher David McQuaid for the award of the Vice-Chancellor's Distinguished Senior Research Medal.

The Public Orator, Professor PS Walters, will present:

Stuart John Saunders for the Degree of Doctor of Laws,
Honoris Causa.

The Chancellor will dissolve the Congregation.

The Congregation is requested to stand while the Choir sings Gaudeamus Igitur and the Procession leaves the Auditorium.

With the exception of the commencement and conclusion of the Ceremony, members of the Congregation are requested to remain seated throughout the proceedings.

FACULTY OF SCIENCE

DEGREE OF BACHELOR OF SCIENCE

ABREY, Donovan Michael	HACKSLEY, Helen Elizabeth
ADAR, Andrews Ochieng	with distinctions in
AHMADOU AHIDJO, Bintou	Computer Science and
BAECKE, Paul with	English
distinction in Computer	HAGEN, Brett
Science	HALL, Zoe Lauren with
BERNARD, Anthony Thomas	distinctions in Chemistry
Firth with distinction in	and Biochemistry
Zoology	HAMILTON, Mark Peter
BHE, Unathi	HOLOSE, Nkosikho Mathew
BIERMANN, Lauren with	HOUDET, Joel Robert Auguste
distinction in Ichthyology	JACKSON, Benjamin Gordon
BRANDT, Ingrid Giselle	JOHNSON, Christle Regina
BRIMECOMBE, Rory Dennis	JONES, Nicholas Andrew
BROOKE, Clare Laura with	Roderick
distinction in Microbiology	KAY, James Martin
BUCHNER, Kathleen Margaret	KEETON, Roanne Shay
CANHAM, Jay-Leigh Natercia	KEIRUNGI, Juliana
CASSON, Katherine Philippa	KEMP, Justin Oliver Gordon
with distinction in Zoology	with distinctions in Zoology
CHESHIRE, Michelle	and Ichthyology
CLORAN, Russell Andrew	KING, Stephen Michael
CZEREDRECKI, Nadia Sharon	KROGER, Wendy Lee
D'HOTMAN, Bruce David	LANGE, Louise
DAWSON, Jolene	LEVIN, Sally
DE OLIVEIRA, Scott Richard	LEWIS, Hylton Varian
EGAN, Candice	LUKAC, Danica
FORBES, Patrick Laurence	MACAULAY, Shelley
FUTSHANE, Zola	MACDONALD, Roderick
GAULANA, Lungile	MACKIE, David Sean with
GOODALL, Victoria Lucy	distinction in Computer
GUTHRIE, Gené	Science
	MACNAB, Michele Jane

MADALA, Elelwani	RAPSON, Trevor Douglas with
MAIN, Russell Stuart	distinction in Chemistry
MALIK, Neelam	RATSHINANGA, Hulisani
MANGOALI, Moitshebeletsi	REDFERN, Chloe Louise
Ursula	REYNOLDS, Ryan Roy
MANNERS, Paul John	ROBERTSON, Richard Bruce
MARSHALL, Klinton Rodrick	ROBERTSON-BULLOCK,
MATEMADOMBO, Fungisai	Kynn
MCALPINE, Kim with	SEALS, Helen Elizabeth with
distinctions in Mathematics	distinction in Physics
and Physics	SEPHAKA, Emmanuel Thabo
MCDONALD, Lisa with	SERFONTEIN, Sally-Anne
distinction in Microbiology	SHEPPARD, Taryn Leigh
MCGAW, Tiffany Jayne with	SHOILEKOVA, Bilyana
distinction in Microbiology	Todorova
MCNAMARA, Caryn	SIBIYA, Buyile Gugu Sizakele
MHLANGA, Nomathemba	SIBUTHA, Nompucuko Sheilla
Mamosa	SIXHOLO, Joy
MILLER, Leanne	SMITH, Helen Margaret
MITCHELL, Emma Clare	SMITH, Tracey Anne with
MITHA, Vindina Ramesh	distinction in Psychology
MORGAN, Leonard William	SMUTS, Lizl Jaye
MORRIS, Pamela Lynn	SNELLING, Karyn Lisa with
MOSETLHE, Raymond	distinction in Human
Kealeboga	Kinetics and Ergonomics
MULLER, Elizabeth Maria	SPEAR, Dian
MULLINS, Kathryn Amy	SUNASSEE, Suthananda Naidu
NAIDOO, Poovendran	TANNER, Claire Valerie with
NORTON, Olivia Bridget	distinction in Chemistry
NYABANDO, Givemore	TRAAS, Graham Ronald Louis
PARE, Jonathan Robert with	TSHABALALA, Harold
distinction in Economics	Ndabenhle
PIENAAR, Gregory Wallace	VAN ONSELEN, Louise Lee
PRENTICE, Philippa Anne	VAN WYK, Albert Wynand
with distinction in	Wincke with distinction in
Psychology	Chemistry
PROUDFOOT, Lee-Anne	VAN WYK, Jennifer

WACHER, Robert John
 WATSON, Paul David
 WHITE, Andrew Graeme
 WHITE, Simone Julie **with distinction in Human Kinetics and Ergonomics**

WHITTINGTON, Bradley David
 WHITTINGTON-JONES, Gareth Morgan **with distinction in Zoology**
 YSPEERT, Janco Hoekstra

DEGREE OF BACHELOR OF SCIENCE (INFORMATION SYSTEMS)

ALLY, Nazneem
 AMTHA, Pravesh
 BALOSITSE, Ratio Lesodisa
 BLACK, Angus Hugh
 BRITS, Leon
 BROCK, Andrew John
 BROWN, Drayton Earl
 BWATHONDI, Paul Philip
 DA SILVA, Miguel Carlo Pinto **with distinction in Computer Science**
 FAN, Rui
 FERGUSON, Brent Anthony
 FITCHET, Adrian Matthew
 GABI, Sam Sipho
 GAYBBA, Jennifer Ann **with distinctions in Computer Science and Information Systems**
 GOODENOUGH, Timothy Wayne
 GORDON, Roger Grant
 HAMMOND, Tara Maria
 HATTING, Craig Andrew
 HEPBURN, Ashton Chauvin **with distinctions in**

Computer Science and Information Systems
 KELLY, Michael David
 KIESER, Shelley Joanne **with distinctions in Computer Science and Information Systems**
 KUKIC, Vera
 LEONG SON, Jean Marie Jason
 MCNELIS, Luke Ian
 MINTY, Aliya **with distinctions in Accounting and Computer Science**
 MIYA, Sindisiwe Charity
 MOECA, Walter Tsholofelo
 MOTARA, Yusuf Moosa
 MUKASA-MUGERWA, Christine
 NAIK, Nikunj **with distinction in Information Systems**
 PEIRSON, Andrew Simon **with distinctions in Computer Science and Information Systems**
 PHAKEDI, Motlalepula
 PILLAY, Selvan Kasaval

SCHEEPERS, Mvuyisi Samuel
 SEARLE, Rowland Courtney
 SEBOKA, Nthabiseng
 SEEDAT, Rizwan Gulam
 SEMENYA, Lerato
 SIMPSON, Gordon Oliver
 SINGH, Suvarna
 SPILSBURY, Grant Nicholas
 STAMENKOVIC, Dejan
 STEVENS, David Charles **with distinction in Information Systems**

THINYANE, Mamello Patience
 TIMM, Jonathan Neil
 VALLABH, Kavisha
 VAN LIER RIBBINK, Benjamin Robert
 WEBBER, Brendon Patrick **with distinction in Computer Science**
 WEST, Philip
 WHITE, Dominic St John

DEGREE OF BACHELOR OF SCIENCE WITH HONOURS

AKAWA, Mpingana-Ndilimeke
 ANDERSON, Mya Lauren
 ARMSTRONG, Miranda Elaine Glynis
 BEAMISH, Calley Ashleigh
 BHAGAT, Mamta
 BISSETT, Charlene
 CALDER, Andrew Barry
 CAVE, Michael Lewis
 CHILDS, Amber-Robyn
 CLOGG, Dominique
 CORROYER, Brian Frederick
 EMANUEL, Philippa Lynne

in Chemistry with distinction in Information Systems/Computer Science in Human Kinetics and Ergonomics with distinction in African Vertebrate Biodiversity in Biotechnology in African Vertebrate Biodiversity with distinction in Chemistry with distinction in Information Systems/Computer Science in Ichthyology/Fisheries Science with distinction in Mathematical Statistics in Ichthyology/Fisheries Science in Environmental Science

EYAMBE, Linda Kong	in Information Systems/Computer Science
FERNANDES, Sandra Maria	in Biochemistry
GLOVER, Lucy Kathleen	with distinction in Microbiology
GOMES PEREIRA, Neuza Alexandra	with distinction in Biochemistry
GYAN, Cecilia	in Environmental Science
HALL, Sarah-Jane	with distinction in Mathematical Statistics
HAMUNYELA, Aili Nahambo	in Ichthyology/Fisheries Science
HASHEELA, Raili Laudika	in Zoology
HITULA, Alushe Tulka Herry	in Ichthyology/Fisheries Science
HOLMES, Helen	with distinction in Mathematical Statistics
HOOHLO, Nozipho	with distinction in Environmental Science
HOSSACK, Rachel Keri Jean	in Biotechnology
INGERSENT, Kathryn Heather	in Human Kinetics and Ergonomics
INGVALDSEN, Stein	in Information Systems
IWUNZE, Ijeoma Amarachi	in Microbiology
JACOBS, Linda Caroline	with distinction in Chemistry
JOGEE, Zunaid Sabir	in Computer Science
JOHNSON, Shannon Diana	in Geology
KHAN, Nuraan	in Biotechnology
KING, Claire	in Ichthyology/Fisheries Science
KRIJGER, Hans Gerard Leonhard	with distinction in Computer Science
LEVEY, Luke Sebastian	in Economics
LOBB, Adele Ronelle	with distinction in Computer Science
LUBBE, Karen	in African Vertebrate Biodiversity

MABVUDZA, Farisai Taangwena Luke	in Computer Science
MACK, Cherie-Lynn	in Biotechnology
MANYINDO, Steven Nyangire	in Information Systems
MARKERT, Tyra	in Microbiology
MASANGO, Robert Vimbai	in Computer Science
MATLOCK, Jennifer Anne	in Computer Science
MILLER, Grant Duncan	with distinction in Computer Science
MITCHELL, Ruth Carmel	in Chemistry
MKUZANGWE, Nenekazi Nokuthala Penelope	in Mathematical Statistics
MOHALE, Ntseketsi Grace	in Geography
MOLEFE, Duduzile Mabel	in Chemistry
MOORE, Gareth Ryan	in Entomology
MORKEL, Chantelle	in Computer Science
MUTAGAHYWA, Raymond Ndyamkama	in Information Systems
NATHANSON, Carole Anne	in Chemistry
NGWALANGWALA, Nosipho	in Zoology
OKAI-TETTEY, Harold Azar	with distinction in Computer Science/Electronics
PARBHOO, Nikesh Harish	with distinction in Computer Science/Information Systems
PARBHU, Pretesh	in Information Systems
PAUMGARTEN, Fiona Elizabeth	with distinction in Environmental Science
POTE, Jamie Robert Claude	in Botany
RANA, Bijal	in Information Systems/Computer Science
REDFERN, Sally Pamela	with distinction in Botany
RETIEF, Wendy Louise	in Mathematical Statistics
RICHTER, Laura Lee	with distinction in Applied Mathematics/Physics
RIDDERHOF, Melissa Jayne	with distinction in Computer Science

ROUX, Candice	in Ichthyology/Fisheries Science
RUDRARAJU, Uma	with distinction in Computer Science
SEHLOHO, Dyke Ntoampe	in Telecommunications
SEHLOTHO, Nthapo	in Chemistry
SHEPHERD, John Robert	in Computer Science
SMIT, Nicholas Kelly	with distinction in Information Systems/Computer Science
SMITH, Martin Kyle Stratford	in Ichthyology/Fisheries Science
SPARRIUS, Martin	in Chemistry
SSONKO, Gerald Ssembatya	in Information Systems
STERNE, Philip Jonathan	with distinction in Computer Science/Applied Mathematics
TAU, Lerato Prudence	in Chemistry
THOMAS, Jasmine James	in Computer Science
TSHUTLHEDI, Johnny	in Geology
VAN BERKEL, Gregory George	with distinction in Computer Science
VENTER, Jacobus Jordaan	in Environmental Science
WALTER, Cheryl Tracy	in Microbiology
WATT-PRINGLE, Peter Andrew	with distinction in Ichthyology/Fisheries Science
WERNER, Craig Michael	in Biotechnology
WRIGHT, Madeleine Karen	with distinction in Computer Science
YONG, Russell Andrew Ho	with distinction in Information Systems/Computer Science

DEGREE OF MASTER OF SCIENCE

ANDREWS, Gavin Stuart, B.Sc. (Hons) (Edinburgh), **with distinction**, in Exploration Geology, in the Department of Geology. Degree by coursework and research projects.

ANTROBUS, Shirley Jean, B.Sc. (Hons) (Rhodes), in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

BARNEY, Elizabeth Sarah, B.Sc. (Hons) (Leicester), in Exploration Geology, in the Department of Geology. Degree by coursework and research projects.

BERNARD, Kim Sarah, B.Sc. (Hons) (Rhodes), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Mesozooplankton community structure and grazing impact in the polar frontal zone of the Southern Ocean.

BOWNES, Angela, B.Sc. (Hons) (Rhodes), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The structure of ant communities and their impact on soil-pupating pests in citrus orchards in the Grahamstown area of the Eastern Cape.

BRADSHAW, Sean-Anthony, B.Sc. (Hons) (Cape Town), **with distinction**, in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

BUWA, Lisa Valencia, B.Sc. (Hons) (Rhodes), in Botany, in the Department of Botany. Degree by coursework and thesis. Thesis: Confirmation of a slow symplasmic loading and unloading pathway in barley (*Hordeum Vulgare* L.) source and sink leaves.

CHALMERS, Russell, B.Sc. (Hons) (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: An investigation into the feeding biology and factors

influencing the population dynamics of *Terebrasabella heterouncinata*, (Polychaeta: Sabellidae), a problematic tube-dwelling polychaete in farmed abalone in South Africa.

CLARK, Sally-Ann, B.Sc. (Hons) (Rhodes), in Microbiology, in the Department of Biochemistry Microbiology and Biotechnology. Degree by thesis. Thesis: Isolation, Expression and Purification of the Hydantoin Hydrolysing Enzymes of *Agrobacterium tumefaciens*.

DZEHA, Thomas Mwambire, HNDip. in Applied Chemistry (Kenya Technikon), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Cyclodepsipeptides from a Kenyan marine cyanobacterium.

EDKINS, Adrienne Lesley, B.Sc. (Hons) (Rhodes), **with distinction**, in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Over-expression, purification and biochemical characterisation of trypanosomal heat shock proteins.

GARCIN, Clive James, B.Sc. (Eng) (Cape Town), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Continuous production of secondary metabolites using membrane bio-reactors.

GODFREY, Brian Peter, B.Sc. (Cape Town), **with distinction**, in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The potential of abalone stock enhancement in the Eastern Cape province of South Africa.

HALSE, Guy Antony, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Novel approaches to the monitoring of computer networks.

HEPBURN, Arnot Bruce, B.Sc. (Hons) (Rhodes), in Economics, in the Department of Economics and Economic History. Degree by

thesis. Thesis: An integrated economic development appraisal of the South African mariculture industry.

HORAN, Mark Patrick, B.Sc. (Hons) (Witwatersrand), **with distinction**, in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

KERR, Iain, B.Sc. (Hons) (Witwatersrand), in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

KING, Gregory Allen, B.Sc. (Hons) (Rhodes), in Human Kinetics and Ergonomics, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: Physiological, perceptual and performance responses during cricket activity.

KLINKRADT, Bradley Hugh, B.Sc. (Hons) (Rhodes), **with distinction**, in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: An Investigation into the Application of the IEEE 1394 High Performance Serial Bus to Sound Installation Control.

LUDEWIG, Michael Hans, B.Sc. (Hons) (Rhodes), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis: The establishment of a virus free laboratory colony of *Cryptophlebia Leucotretu* (false codling moth) and characterization of *Cryptophlebia Leucotretu* granulovirus (CrleGV) genes.

LUNT, Nicola, B.Sc. (Hons) (Rhodes), **with distinction**, in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Applied studies of some Southern African blowflies (Diptera: Calliphoridae) of forensic importance.

MARRAN, Vernon Edward, in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

MATHAGU, Tendamudzimu Titus, B.Sc. (Hons) (Venda) in Zoology in the Department of Zoology and Entomology. Degree by thesis. Thesis: The effects of small-scale water flow patterns in the Settlement and Growth rates of the Brown Mussel *Perna perna*, on the South-East coast of South Africa.

MATLABA, Pulane Maseleka, B.Sc. (Hons) (Rhodes), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Synthesis of zinc phthalocyanine derivatives for possible use in photodynamic therapy.

MERTI, Admassu Addi, B.Sc. (Hons) (Addis Ababa), in Botany, in the Department of Botany. Degree by thesis. Thesis: The Ecology of Honey Plants in the Eastern Cape.

MOLWANTWA, Jennifer Balatedi, B.Sc. (Hons) (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: The hydrolysis of primary sewage sludge under biosulphidogenic conditions.

NAIGAGA, Irene, PG Dip. (Makerere), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Bioaccumulation and histopathology of copper in *Oreochromis mossambicus*.

NDLOVU, Kenneth Andrew, B.Sc. (Hons) (Natal), in Exploration Geology, in the Department of Geology. Degree by coursework and research projects.

NDZIPA, Nokwayintombi Victoria, B.Sc. (Hons) (Rhodes), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Synchronisation of breeding in populations of the brown mussel *Perna perna* on the south coast of South Africa.

NEBA, Alphonsus, B.Sc. (Hons) (Lagos), M.Sc. (Ibadan), in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework.

NIGHTINGALE, Leigh, B.Sc. (Hons) (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: The toxic effect of heavy metals on algal biomass (*spriulina* sp.) and carbonic anhydrase activity, an enzyme which is central to algal application in metal precipitation.

NJOVANE, Luvuyo Collen, B.Sc. (Hons) (Rhodes), in Mathematical Statistics, in the Department of Statistics. Degree by coursework.

PENTON, Jason Barry, B.Sc.(Hons) (Rhodes), **with distinction** in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: An Empirical, in-depth Investigation into Service Creation in H.323 Version 4 Networks.

POOLE, Martin, B.Sc. (Hons) (Rhodes), in Physics, in the Department of Physics and Electronics. Degree by thesis. Thesis: Progress towards the development and implementation of an unambiguous copper wire fingerprinting system.

RASHAMUSE, Konanani Justice, B.Sc. (Hons) (Rhodes), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: The Bioaccumulation of platinum (IV) from aqueous solution using sulphate reducing bacteria-role of a Hydrogenase enzyme.

RASMUSSEN, Jan Magnvald, B.Sc. (Hons) (Rhodes), **with distinction**, in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

REMSING, Carmen, Dip.Engineering (Iimisoara Romania), in Physics, in the Department of Physics and Electronics. Degree by thesis. Thesis: Finite element modelling of a magma chamber surrounded by country-rock, with particular reference to groundwater flow in sections of different permeability.

SUNASSEE, Nakkiran Naidu, B.Sc. (Hons) (Rhodes), in Information Systems, in the Department of Information Systems. Degree by thesis. Thesis: An investigation of knowledge management implementation strategies.

VON SENGER, Inge, B.Sc. (Hons) (Rhodes), in Botany, in the Department of Botany. Thesis: An assesment of the genetic diversity and origin of the invasive weed *Chromolaena odorata* (L.) King and Robinson in South Africa.

WEBB, Garth Anthony, B.Sc. (Hons) (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Biology and demography of the spotted grunter, *Pomadasys commersonii* (Haemulidae) in South African waters

WILLIAMS, Clint, B.Sc. (Hons) (Cape Town), in Exploration Geology, in the Department of Geology. Degree by coursework and research projects.

WILLIAMS, Hester Elizabeth, N.DIP (Technikon Pretoria), **with distinction**, in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The suitability of *Alagoasa extreme* Jacoby (Coleoptero: Chrysamelide: Alticinae), as a Biological control agent for *Lantana Camara* L. in South Africa.

WILLIAMS, Kirsten Alexa, B.Sc. (Hons) (Rhodes), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Spatial and temporal occurrence of forensically important South African blowflies (Diptera: Calliphoridae).

ZHAO, Xiaogeng, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: A comparative analysis of Java and .NET mobile development environments for supporting mobile services.

DEGREE OF DOCTOR OF PHILOSOPHY

AMSSALU, Argaw Bezabeh, B.Sc. (Hons) (Asmara), in Entomology, in the Department of Zoology and Entomology. Thesis: Multivariate morphometric analysis and behaviour of honey bees (*Apis mellifera* L) in the Southern region of Ethiopia.

ANTUNES, Edith Martins, M.Sc. (Rhodes), in Chemistry, in the Department of Chemistry. Thesis: Pyrroloiminoquinone metabolites from South African latrunculid sponges.

BAARS, Johannes Robertus, B.Sc. (Hons) (Rhodes), in Entomology, in the Department of Zoology and Entomology. Thesis: Biological control initiatives against *lantana camara* L. (Verbenaceae) in South Africa: an assessment of the present status of the programme, and an evaluation of *Coelocephalopion camarae* Kissinger (Coleoptera: Brentidae) and *Falconia intermedia* (Distant) (Heteroptera: Miridae), two new candidate natural enemies for release on the weed.

DEKKER, Leendert Gideon, B.Sc. (Hons) (Potchefstroom), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: Development of Intergrated Algal Ponding Systems in the treatment of wine distillery wastewaters.

DINNEYA, Godson Eze, M.Sc. (Lagos), in Economics, in the Department of Economics and Economic History. Degree by thesis. Thesis: An analysis of the impact of Democratization on debt-led growth: The Nigerian experience 1970-2000.

FEHRSEN, Jeanni, M.Sc. (Witwatersrand), in Microbiology, in the Department of Biochemistry Microbiology and Biotechnology. Thesis: Isolation of antigenic peptides of *Cowdria ruminantium* and their encoding genes using a genome-derived phage display library.

GRAY, Christopher Anthony, B.Sc. (Hons) (Wales), in Chemistry, in the Department of Chemistry. Thesis: Structural and synthetic

investigations of diterpenoid natural products from Southern African marine invertebrates.

HAMMOND, Napoleon Quaye, M.Sc. (Tokyo), in Geology, in the Department of Geology. Thesis: The Geochemistry of ore fluids and control of gold mineralization in banded iron-formation at the Kalahari Goldridge Deposit, Kraaipan Greenstone Belt, South Africa.

HARRISON, Trevor David, M.Sc. (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Thesis: Biogeography and community structure of fishes in South African estuaries.

IDICULA, Anu Mary, M.Sc. (Baroda), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: Binding and transcriptional activation by Uga3p, a zinc binuclear cluster protein of *Saccharomyces cerevisiae*: redefining the UAS_{GABA} and the Uga3p binding site.

JACKSON, Claire, M.Sc. (Rhodes), in Zoology, in the Department of Zoology and Entomology. Thesis: Studies of the environmental and endocrine control of reproduction in the four striped field mouse, *Rhabdomys pumilio*.

JONES, Clifford Louis Wilshire, B.Sc. (Hons) (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries science. Thesis: Intercohort cannibalism and parturition-associated behaviour of captive-bred swordtail, *Xiphophorus helleri* (Pisces: Poeciliidae).

KIRCHMANN, Shaun, B.Sc. (Hons) (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: An investigation of the isolation, characterisation, production of amino acids and application of hydantoinases for the industrial application.

LACK, Barbara Anne, M.Sc. (Rhodes), in Chemistry, in the Department of Chemistry. Thesis: Metal interaction with neural substrates and their role in neurodegeneration.

LONGSHAW, Victoria Mary, M.Sc. (Witwatersrand), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: The phosphorylation and nuclear localization of the co-chaperone murine stress-inducible protein 1.

McKINNELL (néé Williscroft), Lee-Anne, M.Sc. (Rhodes), in Physics, in the Department of Physics and Electronics. Thesis: A neural network based ionospheric model for the bottomside electron density profile over Grahamstown, South Africa.

MOORE, Sean Douglas, M.Sc. (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: The development and evaluation of *Cryptophlebia leucotreta* granulovirus (CIGV) as a biological control agent for the management of false codling moth, *Cryptophlebia leucotreta*, on citrus.

MUSA, Musiliyu, M.Sc. (Lagos), in Chemistry, in the Department of Chemistry. Thesis: Applications of the Baylis-Hillman reaction in the synthesis of coumarin derivatives.

NURU, Adgaba Mohammed, B.Sc. (Hons) (Asmara), in Entomology, in the Department of Zoology and Entomology. Thesis: Geographical races of the honeybees (*Apis mellifera* L.) of the Northern regions of Ethiopia.

ODUNUGA, Odutayo Odutola, M.Sc. (Ibadan), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Thesis: Molecular characterisation of the tetratricopeptide repeat – mediated interactions of murine stress – inducible protein 1 with major heat shock proteins.

OZOEMENA, Kenneth Ikechukwu, M.Sc. (Lagos), in Chemistry, in the Department of Chemistry. Thesis: Metallophthalocyanines as

photocatalysts for transformation of chlorophenols and self-assembled monolayers for electrochemical detection of thials and cyanides.

RADULL, John, M.Sc. (Gent) (Belgium), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Hesis: On the use of metabolic rate measurements to assess the stress response in Juvenile Spotter Grunter, *Pomadasys Commer Sonnii* (Haemuldae, Pisces).

ROBERTSON, Mark Peter, B.Sc. (Hons) (Rhodes), in Entomology, in the Department of Zoology and Entomology. Thesis: Predictive modelling of species' potential geographical distributions.

ROTICH, Moses Kipngeno, M.Sc. (Malawi), in Chemistry, in the Department of Chemistry. Thesis: Stability studies on some substituted aminobenzoic acids.

SEAMAN, Jennifer Ann, B.Sc. (Hons) (Rhodes), in Zoology, in the department of Zoology and Entomology. Thesis: Genetic variation within two pulmonate limpet species, *Siphonoria capensis* and *S. Serrata* along the South African coast.

SMITH, Tamara Jane, B.Sc. (Hons) (Rhodes), in Entomology, in the Department of Zoology and Entomology. Thesis: The diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Plutellidae) and its biological control in the Eastern Cape Province, South Africa.

THAMAE, Mamothibe Amelia, B.Sc. (Rhodes) (Lesotho), in Chemistry, in the Department of Chemistry. Thesis: Metallophthalocyanine derivatives as catalysts for the detection of sulphur dioxide, cyanide, nitrite and aminoacids.

VICE-CHANCELLOR'S AWARDS

Vice-Chancellor's Distinguished Senior Research Award
Professor Christopher David McQuaid

Vice-Chancellor's Distinguished Research Award
Dr Warwick Hugo Hans Sauer

Vice-Chancellor's Distinguished Teaching Award
Professor Peter Graham Clayton
Dr Louise Vincent

ACADEMIC HONOURS

ANDERSON, Mya Lauren	McDERMOTT, Rae Sheridan
CAMPBELL, Louise Diana	MILLER, Grant Duncan
DAVIS, Rebecca Ellen	MITCHELL, Samantha Jayne
ELS, Hanneke Reyna	OKAI-TETTEY, Harold Azar
FERREIRA, Nicholas Chris	PEIRSON, Andrew Simon
HALL, Zoe Lauren	RICHTER, Laura Lee
HODES, Rebecca Jane	SMIT, Nicholas Kelly
KEMP, Justin Oliver Gordon	STERNE, Philip Jonathan
KIESER, Shelly Joanne	TANG, Cheong Wai Acty
KRIJGER, Hans Gerard	WILCOX, David Paul
Leonhard	WRIGHT, Madeleine Karen
LOBB, Adele Ronelle	YOUNG, Kirsty Leigh
MCALPINE, Kim	

ACADEMIC COLOURS

ACKERMAN, Mariana Jacoba	BARRADALE, Annelise
AIRD, Louise Rosemary	Christine Inger
ALLSOBROOK, Christopher	BEAMISH, Calley Ashleigh
John	BENDIX, William Hamilton
AMAKALI, Amran	BOSMAN, Sean James
ANDREWS, Karen Anne Hope	BOWES, Tanya-Ann
	BUCKLAND, Daniel Peter
	BUNGAY, Candice

CALDER, Andrew Barry
 CASSON, Katherine Philippa
 CAVE, Michael Lewis
 CHAPMAN, Richard Arthur
 Sands
 CLAYTON, Neil Warren
 CLOGG, Dominique
 CRIGHTON, Trevor
 CUNDILL, Georgina Naomi
 Ramsay
 DALAMBA, Lindelwa Ncedisa
 ECHSTEIN, Terri
 EDWARDS, Nicholas John
 ERASMUS, Gavin Ronald
 FAIRLEY, Keryn Lynn
 FIKE, Lauren Nicola
 FREY, Sarah Jane
 GASS, Mark Simon
 GAYBBA, Jennifer Ann
 GOMES PEREIRA, N A
 GLOVER, Lucy Kathleen
 GOWAR, Paul Richard
 GRANT, Charlene Eleanor
 GROGAN, Bridget Meredith
 HACKSLEY, Helen Elizabeth
 HAGGARD, Claire Louise
 HAIG, David John
 HALL, Sarah-Jane
 HASKINS, Nicola Leigh
 HAWLEY, Jessamy Rose
 Elizabeth
 HAY, Colleen Lisa
 HAYWARD, Brett Anthony
 HEPBURN, Ashton Chauvin
 HOLMES, Helen
 HOOHLO, Nozipho
 JACOBS, Linda Caroline

JOOMA, Mariam Bibi
 KELL, Kathleen Dara Elizabeth
 KEY, Michelle Rose
 KHAN, Farhana
 KIGUNDU, Doreen Nansubuga
 KLIRIS, Stelana Ioanni
 KOEKEMOER, Mari
 KRESS, Alexandra Barbel
 KRUEGER, Stefan Michael
 KRULL, Greig Emil
 KRULL, Nolan Keven
 LAGONIKOS, Irene Theodosia
 LARCHE, Natasha Marie
 LOSSGOTT, Kai
 MACKENZIE, Fiona Charlotte
 MANN, Alistair James
 MIDGLEY, Linda Clare
 MINTY, Aliya
 MITCHELL, Julia Louise Gail
 MOLLETT, David Geoffrey
 NEL, Nathan
 OELOFSEN, Marianna
 O'GRADY, Dermot Raymond
 William
 PARBHOO, Nikesh Harish
 PATRICK, Graham Mark
 PAUMGARTEN, Fiona
 Elizabeth
 PILEPIC, Vesna Louisa
 PLETSCHKE, Gretchen Thora
 PRESTON, Ashleigh Jane
 PRETORIUS, Alet
 PRITCHARD, Catherine Alice
 RADLOFF, Judith Diana
 RAESIDE, Simon John
 REARDON, Frederique Nina
 REDFERN, Sally Pamela

REYNOLDS, Jessica Ellen
 RIDDERHOF, Melissa Jayne
 ROBERTSON, Mary Denise
 ROBINSON, Vicki Jane
 ROBUS, Brendan Marc
 ROCKINGHAM-GILL, Alice
 Jane
 RUDRARAJU, Uma
 SADIAN, Samuel Dominic
 SIMPSON, Derrick John
 SKINNER, Lisa Olivia
 STEENEVELDT, Jacqueline
 Melanie
 STRETTON, Pamela Jayne
 SZYMONOWICZ, Anna
 Helena
 TAYLOR, Nicola Ann
 TEDDER, Derek Roland

VAN BERKEL, Gregory
 George
 VAN DEN BRANDT, Marc
 Johan
 VOS, James Antony
 WAREHAM Christopher
 Simon
 WARLICK, Andrew Richard
 WATKINS, Gareth Thomas
 WATT-PRINGLE, Peter
 Andrew
 WHITE, Simone Julie
 WILHELM-SOLOMON,
 Matthew Micah
 WRIGHT, Emma Mary
 WYLDE, Nina Lucy
 YONG, Russell Andrew Ho
 ZIRIMWABAGABO, Irene
 Umukobga Uzamukunda

ACADEMIC HALF-COLOURS

ALLAN, Elizabeth Louise
 BAECKE, Paul
 BERNARD, Anthony Thomas
 Firth
 BONSER, Natalie Jane
 BOOTH, Bianca Joy
 BOSCH, Leigh Ann
 BOTES, Diante
 BRADNUM, Kristy Eileen
 BRIMER, David
 BRONNER, Irene Ensle
 BROWN, Nicholas Stuart
 BUCHANAN, Stephen David
 BURBIDGE, Craig Garth
 BURMEISTER, Roslyn Anne

CARR, Donald Paul
 CHIGWAMBA, Nyasha
 COETZEE, Nikki Maria
 COLEGRAVE, Anthony-John
 CRICKMAY, Holly Laura
 Elizabeth
 CUMMING, Seih Neil
 DA SILVA, Miguel Carlo Pinto
 DALAMBA, Lindelwa Ncedisa
 DALTON, Debra Maitland
 DE KLERK, Jennifer Anne
 DE SMEDT, Michanne Jane
 DE VILLIERS, Taryn Lee
 DODD, Samantha Claire
 FERREIRA, Simon Jack

FOSS, Kanina Jane
 FOSTER, Alison Natalie
 FRENCH, Rebecca Suzannah
 Christine
 GAFFNEY, Tamaryn Allison
 GASA, Ashly
 GOLDSWAIN, Christopher
 Martin
 GRANT, Charlene Eleanor
 GRIFFITHS, Lina Ann
 HALL, Candice Eileen
 HESS, Justin Edward
 HIGGS, Jonathan Patrick
 HIND, Lucinda May
 HOLDERNESS, Fiona Jill
 HORNE, Michael Brian
 HUMPHREYS, Sian Kathleen
 IRWIN, Catherine Anne
 Elizabeth
 JINNAH, Shakera
 KILBEY, Helen Margaret
 KING, Oliver Gray
 LINKERMANN, Sean Aaron
 LIVESEY, Emma Jane
 MC MARSH, Matthew
 Christopher
 MARTIN, Lyndall Claire
 MCCOLE, Sarah Kate
 MKHIZE, Nomalanga Naledi
 MSHOPERI, Roselyn
 NEL, Eugene Hugo
 NELSON, Leigh Michael
 NHONGO, Tawuya Dzinopana
 Rodgers

NORTH, Tamryn Lee
 ODENDAAL, Nicolette
 MC OELOFSEN, Marianna
 Christina
 PARE, Jonathan Robert
 PAREMOER, Tamara Leigh
 PRENTICE, Phillippa Anne
 REDPATH, Nicola
 RICHARDS, Matthew John
 ROBERTSON, Stephen Alan
 ROSE, Nathan Rolf
 ROWLAND, Claire Rosalind
 Catherine
 RUMBOLD, Matthew Ivan
 SADIAN, Samuel Domini
 SALISBURY, Donne
 SALT, Robyn Nicholas
 SCHEEPERS, Mark Wesley
 SCHMIDT, Jennifer
 SCOTT, Brett Reginald
 SNELLING, Karyn Lisa
 STAKEMIRE, Charlene Tracy
 TIPPING-WOODS, Dianne
 Elizabeth
 VON MALTITZ, Emil Arthur
 WALKER, Taryn
 WALLACE, Kerry Margaret
 WALLIS, Carin
 WEBBER, Brendon Patrick
 WHITTINGTON-JONES,
 Gareth Morgan
 WRIGHT, Emma Mary

AWARDS OF SCHOLARSHIPS, BURSARIES AND PRIZES

Patrick and Margaret Flanagan
 Scholarship : Y Beyers

Abe Bailey Travel Scholarship :
 M Charlesworth and C W A Tang

Andrew Mellon Foundation
 Postgraduate Scholarships –
 Honours :

A O Adar, M J Ackerman, K A
 H Andrews, C L Brooke,
 L N Dalamba, R E Davis,
 S A D De Sousa, T Echstein,
 M J Griffiths, G Guthrie,
 Z L Hall, R J Hodes, H M Keal,
 S M N Kola, W L Kroger,
 D S Mashego, F Matemadombo,
 C Mbatha, L Mcdonald,
 T J McGaw, N M Mhlanga,
 N N Mkhize, Y M Motara,
 B Nichol, M C Oelofsen,
 N Ristic, M D Robertson,
 K Shelwell, B T Shoilekova,
 D Spear, C L Sutton, C V Tanner,
 M P Thinaye and E M Wright.

Andrew Mellon Foundation
 Postgraduate Scholarships – Masters
 F Esat, M M Kula,
 M Mabunu, T Madonko,
 H Mangwiro, B Mwingira,
 S S Ntakumba and P Tau

Andrew Mellon Foundation
 Postgraduate Scholarships – Doctoral
 N Gwayi, M Jiwayi,
 T E Mutambara, P M Mwingi,
 K I Ozoemena, P Pal,
 I Seotsanyana-Mokhosi,
 L L Siwahla, M A Tsegaye,
 P N Kimemia, D S Maharaj,

L E Mansoor, C Mavhunga,
 N Mkize, S L Ngcibi,
 A O Ogunsiye, T F Othieno and
 J Odindi.

Ernest Oppenheimer Memorial Trust
 Scholarship for South African
 History : No award

Henderson Postgraduate
 Scholarships – Masters :
 P F Jacot-Guillarmod and
 D M Parker

Henderson Postgraduate
 Scholarships – Doctoral :
 M-J Dubber, A R McMaster,
 L L Richter and A J Tiplady

Henderson Postgraduate
 Scholarships – Honours :
 M J Ackerman, K A H Andrews,
 P Baecke, A L Baker,
 A T F Bernard, L A Bosch,
 D Botes, K A Brews,
 C L Brooke, T Broughton,
 K P Cassan, M C P Da Silva,
 L N Dalamba, D M Dalton,
 R E Davis, S De Gersigny,
 J Y Desouza, T Echstein,
 J D Farber, J A Gaybba,
 A S Green, M J Griffiths,
 L A Griffiths, H E Hacksley,
 Z L Hall, S K Harding,
 L N Harvey, C L Hay,
 A C Hepburn, L M Hind,
 R J Hodes, F J Holderness,
 L A Jackman, W M Kalimba,
 J O G Kemp, S A Lewis,
 D M Lowry, F C Mackenzie,
 K McAlpine, L McDonald,

T J McGaw, A Minty,
N N Mkhize, N Naik,
M C Oelofsen, A S Peirson,
P A Prentice, J D Radloff,
S J Raeside, T D Rapson,
M D Robertson, B M Robus,
C R C Rowland, M I Rumbold,
S D Sadian, J Schmidt,
A R Scholtz, H E Seals,
L D Shapiro, B T Shoilekova,
D J Simpson, T A Smith,
K L Snelling, D C Stevens,
C V Tanner, G R Thompson,
G Toniolo, L C Van Dongen,
A W W Van Wyk, C L Vaughan,
E A Von Maltitz, T Walker,
K M Wallace, A R Warlick,
B P Webber, S J White,
M M Wilhelm-Solomon,
M L Wolfaardt and E M Wright.

Muirhead Bursary : M K Wright

Allan Gray Senior Scholarship –
Masters : M S Buthelezi

Ian Mackenzie Scholarship for
Environmental Studies : J Rapson

Irvin and Johnson Postgraduate
Bursary in Fisheries Science : To
be awarded

Joe Levy Scholarship : To be
awarded

David Adolph Bradlow Scholarship
for Humanities : C W A Tang

Henry Bradlow Scholarship for
Science : P J Sterne

Rhodes University Postgraduate
Scholarships – Masters :
M C Baker, K Highman, G Krull,
A J M Nel, C W A Tang,
H F Waller and K L Young

Rhodes University Postgraduate
Scholarships – Doctoral :
D J Conway and K A Lobb

Sir Basil Schonland Scholarship :
N K Smit

Thomas Alty Scholarship
N C Ferreira

William Francis Barker Bursary
L C Jacobs and S Pather

Dr Maryam Babangida Scholarship
S K Humphreys

Conrad Dylan Cambray Scholarship
B Scheepers

Guy Butler Research Award
T C Jeffery

Master's Degree Scholarships
L R Aird, C J Allsobrook,
M L Anderson, A C I Barradale,
C A Beamish, W H Bendix,
S J Bosman, D P Buckland,
C Bungay, A B Calder,
L D Campbell, M L Cave,
R A S Chapman, N Clayton,
D Clogg, T Crighton,
G N R Cundill, N J Edwards,
G R Erasmus, K L Fairley,
N C Ferreira, L N Fike, S J Frey,
M S Gass, L K Glover,
N A Gomes Pereira, P R Gowar,
C Grant, B M Grogan,

C L Haggard, S-J Hall,
N L Haskins, J R E Hawley,
B A Hayward, H Holmes,
N Hoohlo, L C Jacobs,
K D E Kell, M R Key, F Khan,
D N Kigundu, S I Kliris,
M Koekemoer, A B Kress,
H G L Krijger, S M Krueger,
G E Krull, N K Krull,
I T Lagonikos, N M Larche,
A R Lobb, K Lossgott,
F C Mackenzie, A J Mann,
R S Mc Dermott, L C Midgley,
G D Miller, J L G Mitchell,
S J Mitchell, D G R Mollatt,
N Nel, D R W O'Grady,
H A Okai-Tettey, N H Parbhoo,
G M Patrick, F E Paumgarten,
V L Pilepic, G T Pletschke,
A J Preston, A Pretorius,
C A Pritchard, F N Reardon,
S P Redfern, J E Reynolds,
L L Richter, M J Ridderhof,
V J Robinson, A J Rockingham-
Gill, U Rudraraju, L O Skinner,
N K Smit, J M Steeneveldt,
P J Sterne, P J Stretton,
A H Szmonowicz, E D Taggart,
C W A Tang, N A Taylor,
D R Tedder, G G Van Berkel,
M J Van Den Brandt, J A Vos,
C J Walker, C S Wareham,
G T Watkins, P A Watt-Pringle,
D P Wilcox, M K Wright,
N L Wylde, R A H Yong,
K L Young and
I U U Zirimwabagabo.

Raymond Pullen Memorial
Scholarships for Arts
- Drama : V Truter, D Spencer
and A S Green

- Fine Art : M R Key & E D
Taggart
- Music : G T Pletschke

Leon Gluckman Memorial
Scholarship in Drama : No
Award

Desmond Goddard Bursary
R C Mitchell

The Rhodes Foundation Scholarship
(Most Outstanding Graduate)
A S Peirson

Dr Kendall Scholarships :
R E Davis, Z L Hall,
A C Hepburn, R J Hodes,
J O G Kemp, D M Lowry,
K McAlpine, M D Robertson,
B P Webber and
M M Wilhelm-Solomon

Rhodes Governor's Scholarship
(Most Outstanding Undergraduates
in the Humanities and Sciences) :
O G King, S K Humphreys,
B J Booth & E H Nel

Professor B R Allanson Scholarship
To be awarded

Rhodes University Scholarships :
O G King, M B Horne,
S K Humphreys, K E Bradnum,
E H Nel, L C Martin,
T L Paremoer, A Nahman,
M Burmeister & R S C French

Betty Shuttleworth Scholarship
H R Els

Robert B Lloyd Bursary : S S Njeza

Otto Beit Scholarship : S J Frey	
Alfred Beit Scholarships : O G King, M B Horne, N R Rose, N Chigwamba and C Marsh	Bancroft Medal for the Outstanding MSc in the Field of Mineral Exploration (Sponsored by Anglo- American) G Andrews
A Trevor William's Scholarship K McAlpine	Kieron George Chambers Memorial Bursary : B V Chamboko
Kevin Carlean Memorial Scholarship (Journalism) J L van Staden	KPMG/Len Verster Accounting II Prize : W D Junor & E H Nel
Duerden Scholarship : G R Moore	Rodney Davenport History Scholarship : R J Hodes
Gladys Blackbeard Scholarship S F Redpath	Adams and Adams Law Prize A J Colgrave
Grant and Marjorie McKerron Scholarship (Law) : A-J Colgrave	Leslie Kent Award for Geology V Mitha
Irvin and Johnson Scholarship for Microbiology II S K Humphreys	George M Gruber Physics IP Prize Z C Mapenda
Charles Gordon Rice Scholarship for Management : No award	William Barker Memorial Prize A W van Wyk
Pearce Rood Prizes (Law) G J Eley, J C Axelson, A J Colegrave & P Burnett	Dr Adolph Schauder Memorial Prize in Sociology : S Makwembere
Grahamstown Training College Bursaries – English : K M Macdonald, S J Raeside and M I Rumbold - Music : H Els	Rapport Prize for Afrikaans I : No award
Aschman Scholarship A K Tissington	Rapport Prize for Afrikaans II : No award
	KPMG Award for Accounting Honours : No award
	Alexander Ogg Prize for Physics K McAlpine

A Trevor Williams Prize for Physics I : O G King	David Williams Memorial Prize for Mathematics III : H R Els
A Trevor Williams Prize for Physics II : E J Livesay	D C S Oosthuizen Memorial Prize for Philosophy : A Nahman
The Avlynne Bowen Award for Pharmacy II : L Cassim	Dean of Commerce Merit Award for Foundation Graduates
Basil Schonland Physics Prize : L L Richter	E D Mountain Prize : M Hamilton
Beth Cumming Memorial Prize : D Spear	Judge Schock Prize : L D Campbell
Bill Branford Prize for Linguistics : (shared) R E Davis & S Jinnah	Ernest Wild Prizes - Psychology II : A da Silva Pita - Psychology III : K Wallace
Ashton Chubb Prize : J Erasmus	Ewer Prize in Zoology and Entomology : C A Beamish
Bronze Medal of the South African Association for the Advancement of Science (S ₂ A ₃) : H E Williams	E P Muirhead and M B Rosenberg Memorial Prize for Microbiology III : T McGaw
Butterworth Book Prizes for Law : (shared) M L Beard & D P Wilcox	Fred Cooper Prize for Company Law : (shared) A J Colgrave, M L Beard & I I Mainga
Butterworth Management Accounting III Prize : M S A Webber	Heather Drummond Memorial Prize for Poetry : L S Donnelly
The South African Institute of Chartered Accountants: Southern Region Prizes - Advanced Accounting : N G Schaerer - Advanced Auditing : R K Pickup - Best Taxation : H N Harnett & R K Pickup	Helmut Weigert Memorial Prize for Mathematics I : M B Horne
Duncan Whiteley Biochemistry Prize : W Kroger	Jardine Prize : B J Booth
	J C van Hille Award in Zoology and Entomology : L-A R de Wet
	Johnson and Johnson Award for Chemistry I : N R Rose
	Juta Law Prize : L D Campbell

Lillian Britten Prize for Botany : No award	Oxford University Press Prize for English Literature : B M Grogan
Louis Dubb Prize : D M Lowry	Brian Peckham Memorial Prize H Mangwiro
Alastair Kerr Prize : S Anthony	Pretoria Portland Cement Prize - Chemistry II : S K Humphreys - Accounting III W M Kalimba
Margaret Smith Bursary in Ichthyology and Fisheries Science : A Oosthuizen	R G McKerron Prize for Law of Delict : D P Wilcox
Matthew Jones Memorial Shield J O G Kemp	Purvis Prize : M R Key
Mattie Shuttleworth Speech Prize J T Mundell	Rhodes University Chamber Choir Music Award : S K Harding
Mavis Hill Prize for Music G T Pletschke	R L Threlfell Memorial Prize L A Griffiths
Milner Memorial Essay Prize : No award	Rob Antonissen Memorial Award C L Coetzee
The Winifred Maxwell Prize for History I : L van Lelyveld	Rowney Prize : P J Stretton
The Winifred Maxwell Prize for most progress in History I B Scott	Royal Society of St George Prize R D Davis
Michael Kapelus Memorial Prize for Pharmacy : K Simpson	Rupert Onderwysstigting Prize for Music : S C Appollis
Nestlé Prize for Biochemistry II S Humphreys	S A Breweries Prize for Biochemistry III : Z Hall
The Norman Harris Prize Q C Webb	S A C I James Moir Medal L C Jacobs
John O'Meara Prize for Industrial Psychology III : M Wolfaart	Sanlam Insurance Prizes - Accounting I : L C Martin - Accounting II : (shared) W D Junor & E H Nel

- Legal Theory I : K M Mathabire	SAP Africa Prize for Computer Science III : A C Hepburn
Sasol Prize for Biochemistry C Brooke	SAP Africa Prize for the Best Progress in Computer Science : M S Sheepers
Schonland Botany Prize : No award	Microsoft Prize for Computer Science Honours : M K Wright, P J Sterne & N K Smit
Schwarz Memorial Prize for Geology - No award	Janninne Franke Prize for Best Computer Science Honours Project : H G L Krijger
Sigma Aldrich Award for Chemistry Honours – L Jacobs	Accenture Best Information Systems II Student : R A Burmeister
Spilkin Prize for Law : S Anthony	SUN Couriers Best Information Systems III Student : A S Peirson
Junior Captain Scott Medal : No award	7Irene Best Information Systems III Systems Development Project : B M Makusha, L W Morgan, A S Peirson, L Semanya & G Talenga
Spoor and Fisher Prize for Intellectual Property Law D R Kretschmer	Accenture Best Information Systems Honours Student : G R Erasmus
Steyn Maartens Memorial Prize for Afrikaans : O Langer	Best Information Systems Honours Research Project : G M Patrick
Sydney Cruise Memorial Prize for Mathematics II : P N Heideman	BYTES Software Best Information Systems Honours Systems Development Project : L K Eyambe, G R Erasmus, N D Coutts and G E Krull
Dr Valentine Cuenod Memorial Prize for French III : G Toniolo	Best BBS 4 Student : B A Hayward
Microsoft Prize for the Computer Science Foundation Course N Mzilikazi	
Microsoft Prize for Computer Science I : M B Horne	
Jannine Franke Prize for Computer Science II : K E Bradnum	

Best Management Honours Student :
K S Berger

Dr Kurt Gillis Prize for Psychology
Master's : R Durrbaum

The Merck Prize for Chemistry III
Z L Hall

Dean of Commerce Merit Award for
a Foundation Graduate
T Mdaka

The Merck Prize for Microbiology
III : L McDonald

Best PDEM Student : H M Irving

Best Management 3 Student
graduating with a Bachelor's
Degree : L Griffiths

THE PURPLE AND THE WHITE

Surgit' O Rhodienses gloriae memores
Voce magna cantate famam laudantes.
Vestrum reboent, splendorem montes
Palmas vos feratis semper
Rhode, colores nostros cole tu.
Ad finem vitae durabit amor
Desideriumque Rhodi.

Nitemur causae favere iustae.
Semperque honores fovere tuos,
Ludis perfrui, rectumque sequi
Purpureae candorique fidi.
Rhode, colores nostros cole tu.
Ad finem vitae durabit amor
Desideriumque Rhodi.

Rise, Rhodians in recognition of renown.
Sing out loud in praise of high repute.
Let the hills ring with your splendour.
May you always win the highest honour.
Rhodes, cherish our colours.
To the end of life the desire and longing
For Rhodes will endure.

We must strive to favour the just cause,
And always to cultivate your reputation,
to relish sport and follow the right path,
To put faith in the purple and white.
Rhodes, cherish our colours.
To the end of life the desire and longing
For Rhodes will endure.

GAUDEAMUS IGITUR

Gaudeamus igitur, juvenes dum sumus, (Rep)
Post jucundam juventutem, post molestam
senectutem,
Nos habebit humus, nos habebit humus.

Ubi sunt qui ante nos in mundo fuere? (Rep)
Vadite ad superos, transite ad inferos,
Ubi jam fuere, ubi jam fuere.

Vivat Academia, Vivant Professores, (Rep)
Vivat membrum quodlibet, vivant membra
quaelibet,
Semper sint in flore, semper sint in flore.

Vivat et respublica, et qui illam regit, (Rep)
Vivat nostra civitas, Maecenatum caritas,
Quae nos hic protegit, quae nos hic protegit.

Let us live then, and in joy
While the bloom of youth we see
After young days' pastime glad
After old age drear and sad
Under earth we'll be.

Where are they who years before
Here on earth did dwell?
Seek among the gods above,
From those below go seek thereof
Where they now do dwell.

Long live this University
Long life to those learning nourish!
Long live each member great and small,
Long life to Rhodians one and all
Let them ever flourish!

Long live our country also,
Long life to those who guide it,
Long live our town in strength and health
Long live our patrons by whose wealth
We are here provided!