

Science
SCIENCE
PHARMACY



RHODES UNIVERSITY

GRADUATION CEREMONY

FRIDAY, 8 APRIL 1994

at 8.15p.m. in the

1820 Settlers National Monument

CHANCELLOR
Gavin Walter Hamilton Relly, M.A., LL.D.

VICE-CHANCELLOR
D.S. Henderson, M.A., Ph.D., F.C.S.S.A.

PRO-VICE-CHANCELLOR
M.A.H. Smout, M.Sc., M.A., Ph.D.

CHAIRMAN OF COUNCIL
L.S. Dorrington, B.Sc.

PRESIDENT OF CONVOCATION
The Hon. Mr Justice T.M. Mullins, B.A., LL.B.

DEANS

Professor I.A. Macdonald, B.A. (Hons), M.A.
Professor H.R. Hepburn, M.S., Ph.D., F.R.S.S.Af.
Professor J.R. Harker, B.Com., LL.B., LL.M., Ph.D.
Dr D.W. McKellar, B.A., B.Ed., M.Ed., Ph.D.
Professor P. van der Watt, M.Sc, Ph. D.
Professor G.G. Antrobus, M.Sc., Ph.D.
Dr M.E Donaldson, M.A., Ph.D.
Dr B.J. Wilson, M.Sc., Ph.D.
Professor M.E. Brown, B.Sc. (Hons), Ph.D., F.R.S.S.Af.

Dean of the Faculty of Arts
Dean of the Faculty of Science
Dean of the Faculty of Law
Acting Dean of the Faculty of Education
Dean of the Faculty of Commerce
Dean of the Faculty of Social Science
Dean of the Faculty of Divinity
Dean of the Faculty of Pharmacy
Acting Dean of Research

REGISTRAR
K.S. Hunt, M.A., Ph.D., F.R. Hist. S.

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
Gaudeat 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 Procession enters the Auditorium and to join the Choir in the singing of VIS VIRTUS VERITAS.

The Chancellor will constitute the Congregation.

The Dean of Divinity will read a portion of the Scripture and offer a prayer.

Mr Thabo Mbeki, National Chairperson of the African National Congress, will address the Congregation.

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

The Public Orator (Professor M. van Wyk Smith) will present:

Govan Archibald Mvuyelwa Mbeki for the Degree of Doctor of Laws, **Honoris Causa.**

The Chancellor will dissolve the Congregation.

The Congregation is requested to stand and join the Choir in singing GAUDEAMUS IGITUR while 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 SOCIAL SCIENCE

DEGREE OF BACHELOR OF SOCIAL SCIENCE

AMOS, Judy Kay
BAILEY, David Andrew Lewis
BERSIN, Lauren Kim
BROOKS, Leonie Jean
BROWN, Karen Ann, WITH DISTINCTION IN
Industrial Psychology
CAMPBELL, Michael James
CHATER, Wendy Anne
DAFFY, Christopher Redden
DAVISON, Bruce Graham
FLINTON, Fiona
FOURIE, Sandra Glyn
FOX, Richard Graham
FRIEDMANN, Anton Douglas Malcolm
GARRATT, Ryan Michael
GOLDSCHMIDT, Heidi Nicolette Ingrid
GRAY, Nicholas Maxwell Ingram
HARE, Graeme Paul
HOPF, Jacqueline Heather
HYAMS, Julie Karen
HYAMS, Tracy Dawn
JOHNSON, Andrew Howard
KAMP, Sheraz
KGAOLE, Ramodidi Johannes
KIRTON, Nicola
KLUCKOW, Alan Neil
KOK, Chris
KUNYUZA, Buoy Mlamli
KURLAND, Donna Avril
LANE, Liezel

LEDWABA, Ramokone Charity
LEGG, Deborah Claire
LINDER, Simone
MACNEILLIE, Greg Duncan
MANN, Tania Liora
MCCUSKER, Monique Marie
MKATSHWA, Sipokazi Nonceba
MONAGENG, Gladwell John Tihware
MORTON, Jeneve
MORTON, Paula Ann, WITH DISTINCTION IN
Psychology
MOURANT, Guy Ellery Le Quesne
MSWELI, Qaqamba Maureen
MUNN, Alasdair John
O'NEILL, Mariana
PADAYACHEE, Loshini
PATRICK, Nicole Deidre, WITH DISTINCTION IN
Industrial Psychology
PRINSLOO, Jacqueline Odette
RAPHOTO, Charles
REYNOLDS, Andre Quinten
SCHULTZ, Owen Phillip
SCHWULST, Henry Carl
STEPHENSON, John Miles
STRAUSS, Michael Collie
THOMAS, Neil David
TRUNIGER, Helena
VENTER, Carol, WITH DISTINCTION IN Economics
VENTER, Janet

DEGREE OF BACHELOR OF SOCIAL SCIENCE (SOCIAL WORK)

ESPREY, Julia Margretha Garland
GOEIJMAN, Brenda
KANGUWE, Ethel Boniswa
MAKHELE, Lisebo Lerato Pearl
MKHIZE, Sinenhlanhla Cleopatra
MORICE, Pamela Ann

MURPHY, Belinda Anne
O'BRIEN, Johdi Patricia
ROUTLY, Kim
SPRINGFIELD, Simone Helena
TERRY, Susan-Ann

DEGREE OF BACHELOR OF SOCIAL SCIENCE WITH HONOURS

AINSLIE, Andrew Murray
CASSELS, Fiona Mary
COCKS, Michelle Linda
EAGAR, Ryan
GIBSON, Sean
GOMBA, Julia Dideka
JOHNSTON, Rachael Emma
LEVIN, Deborah Carol
MABHENA, Fana Joseph
MAGEZA, Tuzi Veronica
MTHOMBOTHI, Innocentia Zanele

WITH DISTINCTION IN Anthropology
in English Language Teaching/Linguistics
in Anthropology
WITH DISTINCTION IN Industrial Psychology
in Politics
in Social Work
in Psychology
WITH DISTINCTION IN Psychology
in Industrial Psychology
in Social Work
in Social Work

MULDER, Trevor Graham
 NDEBELE, Gift Bongani
 NKOPANE, Nomaza
 POWELL, Nicola Juliette
 SHAND, Nina Iona
 SHEPHERD, Nicole Elizabeth
 WAKFER, Keli
 WILMOT, Shaun James
 WRIGHT, Wendy-Ann

WITH DISTINCTION IN Psychology
 in Industrial Psychology
 in African Studies
 in Psychology
 in Industrial Sociology
 WITH DISTINCTION IN Psychology
 in Industrial Sociology
 in Industrial Psychology
 in Psychology

MASTER OF SOCIAL SCIENCE

MIDDLETON, Susan Clare, B.Soc.Sc.(Hons), in Sociology, in the Department of Sociology and Industrial Sociology.

Thesis: Towards a gender analysis of women and development: a case study of the gender division of labour in a rural black community in South Africa.

FACULTY OF PHARMACY

DEGREE OF BACHELOR OF PHARMACY

AMADOR, Maria Jose De Oliveira
 BANGANI, Vuyisile
 GOVENDER, Ugendri
 GUDMANZ, Verity
 HILTON, Sandra Dawn
 JACOBS, Wendy Anne
 LALLOO, Anita Kantilal, WITH DISTINCTION
 MAQINA, Zoleka Cwayita
 MATTHEWS, Deborah Anne
 MFECANE, Nolundi
 MOHAMED, Safeeya
 MORAR, Tania Ethel

PEAD, Colleen Ann
 PEEN, Tanya
 QABA, Bandile Vulindlela
 QUNTA, Thembile Zephram
 SEEDAT, Haroon Aboobaker
 SULIMAN, Sharfunnisa
 TURNER, Dale Susan
 USHER, Tamra Charene
 WEBSTER, Jessica Angela
 WINTER, Deborah Lee
 WORSLEY, Catherine Carlyle

DEGREE OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF PHARMACY

WHITTAKER, Darryl Vanstone, B.Pharm., in the School of Pharmaceutical Sciences.

Thesis: Structural studies on some enterobacterial capsular antigens.

FACULTY OF SCIENCE

DEGREE OF BACHELOR OF SCIENCE

ANTUNES, Ana Paula Martins
 BAARS, Johannes Robertus
 BARNES, Julie Megan
 BARRACLOUGH, Dierdre Jean
 BATER, Wendy Lynette
 BLOUW, Langa Sunshine
 BOPELA, Gwendolyn
 BOTHA, Andre Erasmus, WITH DISTINCTIONS IN
 Mathematics AND Physics with Electronics

CAMERON, Wendy Nicola
 CAMPBELL, Ross Beaufort
 CAPITAO, Isabel Rodrigues
 CHAPMAN, Michelle Joan
 COBBAN, Lisa Margaret, WITH DISTINCTION IN
 Zoology
 COLLINS, Neil John
 CRETCHLEY, Robyn, WITH DISTINCTION IN
 Zoology

CURRIE, Sarah Louise
 DAVISON, Bruce Paul, WITH DISTINCTION IN
 Zoology
 DOIG, Rhona Hunter
 DOLBY, Susan Jane
 DOUBELL, Tracy Lynn
 EVANS, Natalie Vivienne
 FIELD, Justin Craig, WITH DISTINCTION IN
 Microbiology
 FORTESCUE, Alex Kenneth John
 FRAY, Estelle
 GESHA, Wongeka Veracity
 GILFILLAN, Claire Mary
 GOODRUM, Clare Vivienne
 GREEN, Vanessa Eva-Ann
 HADDON, Ian Gerald
 HASTINGS, Kim
 HOARE, David Barry, WITH DISTINCTION IN
 Botany
 HOFMEYR, Stephanie, WITH DISTINCTIONS IN
 Computer Science AND Mathematical Statistics
 HORNE, Lisa Jane
 HOWELL, Michael Charles
 JAFTA, Zukiswa
 JARMAN, Claire Gail
 KENT, Sharon Lee, WITH DISTINCTIONS IN
 Biochemistry AND Microbiology
 KIRCHMANN, Shaun
 KLAASEN, Zandisile Christopher
 KNELL, Bradley Edward Ralph
 KUCK, Karen Melody
 LINDSAY, Justin Robert
 LISHMAN, Gregory Clyde Seath
 LOCKYEAR, Jacqueline Frances
 MACHIN, Kimberley Jane
 MACLEOD, Keith Richard
 MAKOLA, David John Mzwandile
 MARULE, Josiah
 MATOS DOS SANTOS, Maria Joao Neves
 MATSHABA, Lethepu Jeannett
 MAZZULLO, Adrian Mario
 MCALLISTER, Angela
 MCCUTCHEON, Sarra Jane
 MCPHAIL, Amanda-Sue
 MNYENGEZA, Lusapho Ambrose

MWARAMBA, Augustine Chikomborero Theophilus
 NELA, Phakama Portia
 NGWENYA, Daniel
 NONTYI, Thobile Collin
 OCHSE, Peter John
 OWEN, Leigh Bronwen, WITH DISTINCTIONS IN
 Mathematics AND Physics with Electronics
 PATON, Iain Bruce
 PHILLIPS, Teral Jeanine
 PULLEN, Stanton
 RAYNER, Joanna Louise
 REES, Alan David
 RICHARDSON, Ann-Marie
 ROBERTSON, Simon John
 ROUTLEDGE, Caroline Anne
 SEAMAN, Jennifer Ann, WITH DISTINCTION IN
 Zoology
 SIWISA, Lindela
 SMITH, Michelle Robyn Garvin
 SMITH, Tamara Jane
 SOKA, Ayanda
 TANSER, Frank Courteney
 TER MORSHUIZEN, Leslie David
 TONGO, Thembeke Doreen
 TWEEDIE, Bronwyn Francis
 VAN HARMELEN, Gareth
 VAN LIER-RIBBINK, Grant Louis
 VAN ONSELEN, Stuart, WITH DISTINCTIONS IN
 Computer Science AND Physics with Electronics
 VAN OSCH, Andrew
 WALSH, Karen Elizabeth
 WELLS, Julie Anne, WITH DISTINCTION IN
 Biochemistry
 WERTLEN, Roland Robert Roman, WITH
 DISTINCTION IN Computer Science
 WEYL, Olaf Lawrence Friedrich, WITH
 DISTINCTION IN Zoology
 WILKS, Hazel Louise
 WOLMARANS, Julian
 WYNNE-DYKE, Jane Elizabeth, WITH
 DISTINCTIONS IN Computer Science AND
 Mathematics
 ZITA, Hlokoma Duduzile
 ZOZI, Sizwe Vincent

DEGREE OF BACHELOR OF SCIENCE (INFORMATION PROCESSING)

CHANGFOOT, Graham Isaac

DEGREE OF BACHELOR OF SCIENCE (INFORMATION SYSTEMS)

BARRATT, Simon Nicholas, WITH DISTINCTION
 IN Computer Science
 EASON, Mark
 ESTCOURT, Carol Helen
 FINCHAM, Jonathan Meredith, WITH
 DISTINCTION IN Computer Science

HODGEN, Derek Kevin
 LINDOOR, Kurt Andy
 MAIN, Craig Richard, WITH DISTINCTION IN
 Information Systems
 NATHOO, Hitenkumar Rasiklal
 PERCHMAN, Bernard

REID, Tracy Ann
 REYNOLDS, Louis Iven
 THOMPSON, Philippa Ann

TUDGE, Meagan
 WING, Quentin

DEGREE OF BACHELOR OF SCIENCE WITH HONOURS

ABSALOM, Robert Arthur Irvine
 ABSON, James Piers
 ASTRUP, John
 BAKER, Belinda Gay
 BECKER, Warren Frank
 BOOTH, Anthony John

 BROUWER, Stephen Leonard

 CARTER, Alun Richard
 COETZER, Willem
 DE LA CROIX, Annemarie
 DEAN, Eileen Josephine
 DEANE, Philip O'Grady
 DODD, David Charles
 EDWARDS, Wade
 ENGELBRECHT, Graeme Norton
 FERRAZ, Caitlin Tessa
 FLOWERS, Karl Bernard
 FORD, Wayne Peter
 GAIN, James Edward
 GILLIAM, Christopher Andrew
 GRANDIN, Noel John

 HALL, Janine
 HOBSON, Christopher Graham
 IRISH, Abigail Claire
 ISTED, Edwin David
 JACOB, Jurgen Roger
 JANSEN VAN VUUREN, Dean Keith

 JOHNSON, Caron Lisa
 JOHNSON, Rene Wendy
 JONES, Georgina Elizabeth
 KADER, Darryl Dominic
 KEEBLE, Wendy Marguerite
 KEPE, Lulama Patrick
 LARISMA, Andre Do Carmo Ribeiro

 LAWRIE, Susan Marion
 LIMSON, Janice Leigh
 LORENZ, Mark
 MAHABEER, Rajeshree
 MANGOLD, Stuart James
 MCBAIN, Craig Douglas De Ruyter
 MCGLADDERY, Kerry Anne
 MIDGLEY, Nicola-Ann
 MILLAD, Michael George
 MOORE, Karen Mary
 MPHEPHU, Ndishayhelafhi Amos
 MSUKWA, Amulike Victor

 NTENE, Mahlomola Phillip

in Computer Science
 WITH DISTINCTION IN Geology
 in Geology
 in Psychology
 in Zoology
 WITH DISTINCTION IN Ichthyology and Fisheries
 Science (Resource Management)
 WITH DISTINCTION IN Ichthyology and Fisheries
 Science (Resource Management)
 in Entomology/Zoology
 in Entomology
 WITH DISTINCTION IN Chemistry
 in Computer Science
 in Chemistry
 in Geology
 WITH DISTINCTION IN Biotechnology
 in Geography in Environmental Water Management
 in Economics
 in Microbiology
 in Ichthyology and Fisheries Science (Aquaculture)
 WITH DISTINCTION IN Computer Science
 in Computer Science
 WITH DISTINCTION IN Computer Science/
 Electronics
 in Geology
 WITH DISTINCTION IN Botany
 in Marine Biology
 in Computer Science/Electronics
 WITH DISTINCTION IN Geology
 in Ichthyology and Fisheries Science (Resource
 Management)
 in Zoology
 in Biochemistry
 WITH DISTINCTION IN Entomology/Zoology
 in Chemistry
 in Biotechnology
 in Mathematical Statistics
 WITH DISTINCTION IN Mathematical Physics/
 Theoretical Physics
 in Geography in Environmental Water Management
 in Chemistry
 in Zoology
 in Biochemistry
 in Ichthyology and Fisheries Science (Aquaculture)
 in Biotechnology
 in Geography in Environmental Water Management
 in Biochemistry
 in Geology
 in Biotechnology
 in Chemistry
 in Ichthyology and Fisheries Science (Resource
 Management)
 in Computer Science

PEINKE, Dean Michael	WITH DISTINCTION IN Zoology
PRIOR, Susan Ann	in Zoology
REDDY, Kasturi	in Marine Biology
REID, Caroline Emma	in Geology
SANYAHUMBI, Douglas	in Biotechnology
SEKOTA, Mantoa Makoena Clementina	in Chemistry
SIMON, Ute Ina	in Entomology
SLABBER, Frans Bresler	in Applied Mathematics
SOBOIL, Jeremy Hirsch	in Geography in Environmental Water Management
SOUTHGATE, Garrick Steven	in Biochemistry
SPAGGIARI, Renato Igino	WITH DISTINCTION IN Geology
STRYDOM, Jenny Kraidy	in Microbiology
TANTSI, Mziwandile Sydney	in Chemistry
TAYLOR, Douglas Arthur	in Computer Science
VAN HARMELEN, Joanne Heidi	WITH DISTINCTION IN Microbiology
WEDGWOOD, Angela Jennifer	in Chemistry
WELDRICK, Sarah Katharine	in Ichthyology and Fisheries Science (Aquaculture)
WELLINGTON, Kevin Wayne	in Chemistry
WHITTINGTON-JONES, Kevin John	WITH DISTINCTION IN Marine Biology
WILLISCROFT, Lee-Anne	in Physics
WITTSTOCK, Peta-Jane	in Geography in Environmental Water Management

DEGREE OF MASTER OF SCIENCE

AFITLHILE, Meshack Mosimanegape, B.Sc.(Zululand), B.Sc.(Hons), in the Department of Botany.
Thesis: Constituent processes of leaf senescence in *Hordeum vulgare* cv. Dyan.

BAISE, Paul, B.Sc.(Hons)(Natal), in the Department of Computer Science.
Thesis: Cogitator - a parallel, fuzzy, database-driven expert system.

BANGAY, Shaun Douglas, B.Sc.(Hons), in the Department of Computer Science, WITH DISTINCTION.
Thesis: Parallel implementation of a virtual reality system on a transputer architecture.

BIEDLER, Murray Wayne, B.Sc.(Victoria, Canada), in Geohydrology, in the Department of Geography.
Thesis: Delineation of buried stream channels using geophysical techniques.

CARTER, Anne Margaret, B.Sc.(Hons), in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: Studies on the bioactivities of selected eastern Cape seaweeds.

CHIKUSA, Chimwemwe Mainsfield, B.Sc.(Hons)(Aberystwyth, Wales), in Exploration Geology, in the Department of Geology.

DE MOOR, Irene Joy, B.Sc.(Hons)(Witwatersrand), in Ichthyology, in the Department of Ichthyology and Fisheries Science, WITH DISTINCTION.
Thesis: Methods for assessing the susceptibility of freshwater ecosystems in southern Africa to invasion by alien aquatic animals.

FOSTER, Gregory George, B.Sc.(Hons), in Zoology, in the Department of Zoology and Entomology.
Thesis: Aspects of the biology and ecology of some intertidal holothurians (Echinodermata) along the eastern Cape coast of South Africa.

GENDALL, Ian Richard, B.Sc.(Hons), in Exploration Geology, in the Department of Geology.

GEORGE, Rosemary, B.Sc.(Kerala), B.Sc.(Hons), in the Department of Chemistry.
Thesis: Synthesis and conformational studies of indolizines.

GLAUM, Deanne Melanie, B.Sc.(Hons), in Biotechnology, in the Department of Biochemistry and Microbiology.
Thesis: A process for the detanning of chrome leather wastes utilising tannery effluents.

- HARRISON, Trevor David, B.Sc.(Natal), B.Sc.(Hons), in Ichthyology, in the Department of Ichthyology and Fisheries Science.
Thesis: Ecology of the ichthyofauna in three temporarily open/closed estuaries on the Natal coast.
- KNAUER, Jens, B.Sc.(Hons), in Biochemistry and Fisheries Science, in the Department of Ichthyology and Fisheries Science and the Department of Biochemistry and Microbiology.
Thesis: Development of an artificial weaning diet for the South African abalone, *Haliotis midae* (Haliotidae: Gastropoda).
- MANN, Peter Lofley, B.Sc., in Exploration Geology, in the Department of Geology.
- MCHUNU, Bonganinkosi Isaac, B.Sc.(Hons), in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: The effect of appetite suppressants on pineal function.
- MEIRING, Jillian Ann, in Microbiology, in the Department of Biochemistry and Microbiology.
Thesis: Antimicrobial resistance patterns in a Port Elizabeth hospital.
- MERCER, Christopher Crossley, M.Sc.(Reading), in Physics, in the Department of Physics and Electronics.
Thesis: The search for an ionospheric model suitable for real-time applications in HF radio communications.
- MOORE, Sean Douglas, B.Sc.(Hons)(Natal), in Entomology, in the Department of Zoology and Entomology.
Thesis: The biology of a facultative hyperparasitoid, *Tetrastichus Howardi* Olliff (Hymenoptera: Eulophidae), and its potential as a biocontrol agent of lepidopterous stem borers.
- MOUNTJOY, Jon-Dean, B.Sc.(Hons), in the Department of Computer Science, WITH DISTINCTION.
Thesis: Static analysis of functional languages.
- MUJDRICA, Stefan, B.App.Sc.(Queensland Institute of Technology), in Exploration Geology, in the Department of Geology.
- ROSS, Sally Jane, B.Sc.(Hons)(York), in Entomology, in the Department of Zoology and Entomology, WITH DISTINCTION.
Thesis: The phytophagous insect community of the veld fig, *Ficus burtt-davyi* Hutch.
- ROUX, Francis Augustus, B.Sc.(Hons)(Orange Free State), in the Department of Botany.
Thesis: The influence of the composition of mixed Karoo vegetation on the grazing habits of Merino and Dorper wethers.
- STEEL, Helen Carolyn, B.Sc.(Hons), in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: Metabolic responses to *in vitro* zinc supplementation.
- TSITA, Ngoako Johannes, B.Sc.(Venda), B.Sc.(Hons), in Zoology, in the Department of Zoology and Entomology.
Thesis: Reproductive biology of the Egyptian free-tailed bat, *Tadarida aegyptiaca*.
- VAN HEERDEN, Garth William, B.Sc.(Hons), in Zoology, in the Department of Zoology and Entomology.
Thesis: *Babesia canis*: a characterization of five field stocks in southern Africa.
- WATKINS, Deidre Ann, B.A.(Hons), in Hydrology, in the Department of Geography.
Thesis: The relationship between daily and monthly pan evaporation and rainfall totals in southern Africa.

DEGREE OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

- BODE, Moira Leanne, B.Sc.(Hons), in the Department of Chemistry.
Thesis: Synthetic and spectroscopic studies of indolizine derivatives.
- BOJARSKI, Christina, M.Sc., in Zoology, in the Department of Zoology and Entomology.
Thesis: Seasonal changes in pituitary and plasma prolactin concentrations, and the role of prolactin in the control of delayed implantation in female *Miniopterus schreibersii*.

- BURTON, Stephanie Gail, B.Sc.(Hons)(Rhodesia), M.Sc., in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: Biocatalytic and biomimetic studies of polyphenol oxidase.
- GARRATT, Patrick Ashworth, M.Sc.(Natal), in Ichthyology, in the Department of Ichthyology and Fisheries Science.
Thesis: Comparative aspects of the reproductive biology of seabreams (Pisces: Sparidae).
- HENDRIKSE, Egbert Johannes, B.A.(Stellenbosch), M.Sc.(Loughborough), in the Department of Human Movement Studies.
Thesis: Influence of blue/green versus red and white light sources on human dark adaptation and other selected visual functions.
- KENYON, Colin Peter, M.Sc.(Orange Free State), in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: The dissociation of ammonium salts and their effect on the physiology and biochemistry of L-Lysine synthesis by *Corynebacterium glutamicum* FP 6.
- MPHAHLELE, Malose Jack, B.Sc.(Hons)(Fort Hare), M.Sc.(Pretoria), in the Department of Chemistry.
Thesis: Synthetic and spectroscopic studies of 1,4-benzodiazepine analogues.
- PHILLIPS, Trevor David, B.Sc.(Hons), in Biotechnology, in the Department of Biochemistry and Microbiology.
Thesis: Stress manipulation in *Dunaliella salina* and dual-stage beta-carotene production.
- RAVINDRAN, Swarnam Shanthi, B.Sc.(Madras), M.Sc.(Ibadan), in the Department of Chemistry.
Thesis: Studies in asymmetric synthesis.
- REMSING, Claudiu Cristian, M.Sc.(Timisoara, Romania), in the Department of Mathematics (Pure and Applied).
Thesis: Tangentially symplectic foliations.
- RUSSELL, Neil Eric, B.Sc.(Hons), in Physics, in the Department of Physics and Electronics.
Thesis: Aspects of the symplectic and metric Geometry of Classical and Quantum Physics.
- SEWRY, David Andrew, M.Sc., in the Department of Computer Science.
Thesis: Behavioural model debugging in Linda.
- STIEFENHOFER, Johann, B.Sc.(Port Elizabeth), B.Sc.(Hons), in the Department of Geology.
Thesis: The petrography, mineral chemistry and isotope geochemistry of a mantle xenolith suite from the Letlhakane DK 1 and DK 2 kimberlite pipes, Botswana.
- STOLL, Karin Elisabeth, B.Sc.(Hons), in Biochemistry, in the Department of Biochemistry and Microbiology.
Thesis: Nutrient supplementation and secondary metabolites in melanoma cells.

DEGREE OF DOCTOR OF SCIENCE

- WILLIAMS, Morgan Howard, Ph.D, in the Department of Computer Science.
Thesis: Studies related to the process of program development.

AWARDS OF SCHOLARSHIPS, BURSARIES AND PRIZES

Vice-Chancellor's Distinguished Teaching Award	G J Euvrard
Vice-Chancellor's Research Award	Prof J R Midgley
Patrick and Margaret Flanagan Scholarship	S C McKellar
National Scholarships	To be awarded
Abe Bailey Travel Scholarship	M K Thomas
Ernest Oppenheimer Trust Scholarship for 1820 Settler and Eastern Cape History	A V Turner

Muirhead Bursary	A J Booth
Ian Mackenzie Scholarship for Environmental Studies	F E C Bussiahn
Irvin and Johnson Postgraduate Bursary in Fisheries Science	To be awarded
Joe Levy Scholarship	K M Chadd
David Adolph Bradlow Scholarship for Humanities	S-P Cross
Henry Bradlow Scholarship for Science	J E Gain
Basil Schonland Master's/Doctor's Degree Scholarship	A J Lake
Thomas Alty Master's/Doctor's Degree Scholarship	S C McKellar
Dr Maryam Babangida Scholarship	J A Stakesby Lewis
Master's Degree Scholarships	J P Abson (declined)
	T A Accone
	A M Ainslie
	G K Baillie
	F J Barnard (declined)
	Rev A Bester (declined)
	A J Booth
	S L Brouwer
	C S Burman (declined)
	R L Burton (declined)
	J H Coetzee
	S-P Cross (declined)
	A De La Croix
	I D De Vries
	R Eagar
	W Edwards
	C K Fourie (declined)
	J E Gain
	A J Harris (declined)
	J E Henderson
	C G Hobson
	J R Jacob
	G E Jones
	R J Kilpert
	A K Laloo (declined)
	D C Levin (declined)
	S May
	S C McKellar (declined)
	T G Mulder
	H G Neibuhr
	D M Peinke
	Z C Pettit (declined)
	Rev T J Rist (declined)
	P J Sabbagha
	C A Sheasby
	R I Spaggiari
	R L Terblanche
	Rev D A Van Doorene (declined)
	J H Van Harmelen (declined)
	K J Whittington-Jones (declined)
	R S Wicks (declined)
	M J Williams
Raymond Pullen Memorial Scholarships for the Arts - Fine Art	G K Baillie
- Fine Art	R J Kilpert
- Music	D J Donkin
- Drama	J Finestone
- Drama	S Pienaar
Leon Gluckman Memorial Scholarship in Drama	L W Marx
The Rhodes Foundation Scholarship (Most Outstanding Graduate)	J E Wynne-Dyke

Dr Kendall Scholarships.....	S N Barratt L R Beard A E Botha A F Gordon S L Kent L B Owen F Theophilus S Van Onselen R R R Wertlen R M Wiehe
Rhodes Governors' Scholarship (Most Outstanding Undergraduates in the Humanities and Sciences)	K-L McPhail E A Davies J A Stakesby Lewis C B Hobson
Rhodes University Scholarships.....	K A Horne R M McIntyre L E Russell A T Seigel A E Warmback L A Collett L V Sabbagh G B Glover K-L Boucher L J Warren
Professor B R Allanson Scholarship	No award
Otto Beit Scholarship.....	D B Hoare
Honours Degree Scholarships	J H Arnott S N Barratt L R Beard A E Botha K A Brown (declined) N Cloete L M Cobban R Cretchley H C Dagut (declined) B P Davison H J Elliott J C Field J M Fincham (declined) A F Gordon L V Graham L B Harris R W Hill D B Hoare S Hofmeyr (declined) M S Kahn S L Kent S D Kirchoff C H Light (declined) C S Lumb C R Main I K Mawhinney L A McAllister P A Morton L K Munton S Naidu L B Owen (declined) N D Patrick M L Rusch

	J A Seaman
	P Soldo (declined)
	M Teper (declined)
	F Theophilus
	S Van Onselen
	C Venter
	J Webb
	J A Wells
	R R R Wertlen
	O L F Weyl
	R M Wiehe (declined)
	D T Williams
	J E Wynne-Dyke (declined)
	M S Young
Kendall Bursaries	R A Cleary
	T-A Dunn
	L C Kennedy
	C Matlou
	D A Seddon
	G O Spingies
	M J Williams
Alfred Beit Scholarships	J Fourie
	B K Harris
	R P Hobson
	R M Preston
	S J Stakesby Lewis
A Trevor Williams' Scholarship (Shared)	A E Botha, S E Walsh
Kevin Carlean Memorial Scholarship (Journalism)	No award
Duerden Scholarship (Shared)	J A Seaman, B P Davison
Gladys Blackbeard Scholarship	R P Hobson
Grant and Majorie McKerron Scholarship(Law)	J E Kupka
Irvin and Johnson Scholarship for Microbiology II	R P Van Hille
Charles Gordon Rice Memorial Scholarship for Management (Shared)	B Huttman, M F Chopdat
Rapport Prize for Afrikaans II	J L Victor
Pearce Rood Scholarship (Law)	No Award
Sasol Bursaries	To be awarded
Grahamstown Training College Bursaries	M E Esau
	Rev J E Trisk
	Rev L M Schwartz
Grahamstown Training College Scholarship	I J Ruiters
	M D J Olifant
	R I Maruza
Adcock-Ingram Scholarship	To be awarded
Aschman Scholarship	M Tilburn
Bancroft Medal for the Outstanding MSc in the Field of Mineral Exploration (Sponsored by Anglo-American)	No award
G H Crowe Bursary	Rev K J Light
Glaxo Bursary	B D Nagar
Laura Starke Memorial Bursary	B Chalmers
Eli Lilly Pharmacy Bursary	A J Sutherland
Rodney Davenport History Scholarship	S D Kirchoff
Bateman Scholarships	K L Naylor
	N M Mphahlele
Adams and Adams Law Prize	L Gecsei
Leslie Kent Award for Geology	K J Machin
Georg M Gruber Physics IP Prize	J Fourie
Robert B Lloyd Bursary	B S Udall
William Francis Barker Bursary	No award
Dr Adolph Schauder Memorial Prize in Sociology and Social Work	S Linder
AECI Award for Chemistry I	K L McPhail

Aiken and Peat Award for Accounting Honours	No award
Alexander Ogg Prize for Physics	L B Owen
Arthur Andersen Prize for Accounting II	F J Levendale
A Trevor Williams' Prize for Physics I	R P Hobson
A Trevor Williams' Prize for Physics II	J A Stakesby Lewis
The Avlynne Bowen Award	L M-J Nkolongwane
B A Putterill Prize for Master's degree study in the fields of Ecology and Conservation in the Eastern Cape	J R Jacob
Basil Schonland Physics Prize	A C R Larisma
Bill Branford Prize for Linguistics	A F Gordon
Bronze Medal of the South African Association for the Advancement of Science (Sponsored by Gencor)	A Coetzee
The Cape Society of Chartered Accountants' Prizes	
- Advanced Accounting	M S Walsh
- Advanced Auditing	S R Hubbard
- Best Taxation	M R Gresty
The Port Elizabeth Regional Association of Chartered Accountants	M R Gresty
Chris Whiteley Award	L V Sabbagh
David Williams Memorial Prize for Mathematics III	J E Wynne-Dyke
D C S Oosthuizen Memorial Prize for Philosophy	C S Lumb
E D Mountain Prize	G A Morgan
Judge Schock Prize	T A Palmer
Ernest Wild Prize for Psychology II	B G Diers
Psychology III	M S Kahn
Dr Kurt Gillis Prize for Psychology Masters	To be awarded
Ewer Prize in Zoology and Entomology	G E Jones
E P Muirhead and M B Rosenberg Memorial Prize for Microbiology III	S L Kent
Fred Cooper Prize for Company Law	L Gecsei
Heather Drummond Memorial Prize	V J Maher
Helmut Weigert Memorial Prize for Mathematics I	K-L McPhail
The Chartered Institute of Management Accountants' Prize	A Hart
Jardine Prize	M Lockyear
J C van Hille Award in Zoology and Entomology	R P Van Hille
Johnson and Johnson Award for Chemistry II	L A Collett
John Duncan Award	S L Kent
Juta Law Prize	T A Palmer
Lilian Britten Prize for Botany	D B Hoare
Louis Dubb Prize	No Award
Alastair Kerr Prize	No Award
Margaret Smith Bursary in Ichthyology and Fisheries Science	To be awarded
Mattie Shuttleworth Speech Prize	A Neill
Mavis Hill Prize for Music	L I Schafer
Maybaker Prize in Pharmacology	C Wagner
Maybaker Prize in Pharmacy	B D Nagar
Michael Kapelus Memorial Prize for Pharmacy	J A Webster
Milner Memorial Essay Prize	C M Gorham
National Chemical Products Award for Biochemistry Honours	G S Southgate
Nestle Prize for Biochemistry II	L V Sabbagh
The Norman Harris Prize	J M Williams
John O'Meara Prize for Industrial Psychology III	T A Accone
Oxford University Press Prize for English Literature	S-P Cross
Polliacks Studio 49 Music Prize	F P Roux
Pretoria Portland Cement Prize - Chemistry III	B E R Knell
- Accounting	J M Williams
Purvis Prize	G K Baillie
R G McKerron Memorial Prize	S A Sephton
Rhodes University Chamber Choir Music Award	D R Bennett
R L Threlfell Memorial Prize	J Arnott
Rob Antonissen Memorial Award	N De Jager
Rowney Prize	V A Crampton

Royal Society of St George Prize	J A McGregor
Rupert Onderwysstigting Prize	J-A Gooch
S A Breweries Prize for Biochemistry III	S L Kent
S A C I James Moir Medal	A De La Croix
S A Teacher's Association Award: Primary Level	E H Ferreira
S A Teacher's Association Award: Secondary Level	C A Breitenbach
Sanlam Insurance Prizes - Accounting I	H C Jones
- Accounting II	F J Levendale
- Legal Theory I	A E Van Der Vlies
Schonland Botany Prize	D B Hoare
Schwarz Memorial Prize	B E R Knell
Sela Insurance Brokers' Scholarship	M L Creed
Sentrachem Award for Chemistry Honours	A De La Croix
Spilken Prize for Law	C F Edwards
Steyn Maartens Memorial Prize for Afrikaans	I D De Vries
Sydney Cruise Memorial Prize for Mathematics II	J A Stakesby Lewis
Dr Valentine Cuenod Memorial Prize for French III	R M Wiehe

ACADEMIC COLOURS

HONOURS

ACCONE, Tanya Alexandra
BESTER, Alan
BURTON, Rodney Lawrence

OWEN, Leigh Bronwen
VAN DOORENE, Dirk Andre
WYNNE-DYKE, Jane Elizabeth

COLOURS

ABSON, James Piers
AINSLIE, Andrew Murray
BARNARD, Felicity Jane
BEARD, Lucy Rebecca
BOOTH, Anthony John
BOTH, Andre Erasmus
BROUWER, Stephen Leonard
BURMAN, Caron Sue
CROSS, Sara-Patricia
DAVIS, Jerome Adam
DE LA CROIX, Annemarie
DE VRIES, Izak Daniel
EAGAR, Ryan
EDWARDS, Wade
FOURIE, Craig Kingsley
GAIN, James Edward
GRAHAM, Lucy Valerie
GRANDIN, Noel John
HANDLEY, Patricia Lynne
HOBSON, Christopher Graham
JACOB, Jurgen Roger
JONES, Georgina Elizabeth
KENT, Sharon Lee
LAKE, Aileen Jessie

LALLOO, Anita Kantilal
LARISMA, Andre Do Carmo Ribeiro
LEVIN, Deborah Carol
MAY, Simon James Peter
MCKELLAR, Shannon Colwyn
MEYBERG, Runhild
MULDER, Trevor Graham
PEINKE, Dean Michael
PETTIT, Zoe Caroline
QUINN, Lynn Esther
RIST, Timothy John
ROSS, Melinda Jane
SABBAGHA, Peter John
SHEASBY, Cindy Ann
SHEPHERD, Nicole Elizabeth
SPAGGIARI, Renato Igino
TERBLANCHE, Ronel Louise
VAN HARMELEN, Joanne Heidi
VAN ONSELEN, Stuart
WHITTINGTON-JONES, Kevin John
WICKS, Robert Somerset
WIEHE, Rachel Marie
WILLIAMS, Michael John

HALF COLOURS

ANDERSON, Lisa-Jane
BAILLIE, Giselle Katherine
BARRATT, Simon Nicholas
BARTEL, Lauren Louise
BOUCHER, Kery-Lee
BUYS, Paul Stephen
COLLETT, Lynne Alison
CUMMING, Graeme Shaw
DAVIES, Emilie Ashworth
DAVISON, Bruce Paul
EDWARDS, Caroline Felicity
ELIOTT, Hector James De Villiers
FOURIE, Janine
FREEMAN, Rory Craig
GLOVER, Graham Brian
GOOCH, Jo-Anne
GORDON, Analee Frances
HARRIS, Brenda Kerry
HARRIS, Lance Bradley
HILL, Rebecca Wingate
HOARE, David Barry
HOBSON, Roy Peter
HOFMEYR, Stephanie
HOLNESS, Stephen Dale
HORNE, Kerry Allison

KAHN, Marc Simon
LIGHT, Kevin John
LITTLEJOHN, Paul Stephen
LOCKYEAR, Michael
MAWHINNEY, Ilka Kiera
MCINTYRE, Robert More
MCPHAIL, Kerry-Leigh
PRESTON, Richard Michael
RUGUNANAN, Rajesh
SABBAGH, Liezel Veronica
SANDERS, Rowena Pamela
SEAMAN, Jennifer Ann
SEIGEL, Amber Teresa
SHAND, Bianca May
SOLDO, Petar
STAKESBY LEWIS, Jennifer Anne
STAKESBY LEWIS, Sheila Jean
VAN DER VLIES, Andrew Edward
VAN HILLE, Robert Paul
VENTER, Carol
VICE, Samantha Wynne
WARMBACK, Andrew Edward
WARREN, Lucy Jane
WYLIE, Kurt Aston

CONVOCATION

Convocation is a statutory body which meets at least once a year to discuss any matters affecting the University and to convey its resolutions to the University Council and the Senate. All graduates of Rhodes University, the Vice-Chancellor, Vice-Principal, Registrar, University Librarian, all permanent full-time members of the teaching staff, and the directors of the research institutes of the University, are members of Convocation. Old Rhodians who graduated from the University of South Africa while studying at the Rhodes University College may apply to the Registrar to join the Convocation of Rhodes University. All members are entitled to vote for office-bearers.

Convocation elects three of its members to the Council of the University. The President of Convocation is the Hon. Mr Justice T.M. Mullins, while the Registrar, Dr K.S. Hunt, is ex-officio the Secretary.

THE PURPLE AND WHITE

Oh Rhodians arise and rememb'ring thy fame,
Sing loudly and proudly in praise of thy name,
Let mountains re-echo thy deeds renown.
May vict'ry be ever the crown.

Rhodes! Rhodes!
Hail to the Purple and White.
Till death be past, love shall last,
Our longing and yearning for Rhodes.

We'll strive to be found in the cause that is just,
To remember thy honour is placed in our trust,
To play for the game's sake, establish the right,
To be true to the Purple and White.

Rhodes! Rhodes!
Hail to the Purple and White.
Till death be past, our love shall last,
Our longing and yearning for Rhodes.

Surgit' O Rhodienses gloriae memores
Voce magna cantate famam laudantes
Vestrum reboent splendorem montes
Palmam vos feratis semper.

Rhode! Rhode!
Rhode, colores nostros cole tu
Ad finem vitae durabit amor
Desideriumque Rhodi.

Nitemur causae favere iustae
Semperque honores fovere tuos
Ludis perfrui, rectumque sequi,
Purpurae candorique fidi.

Rhode! Rhode!
Rhode, colores nostros cole tu
Ad finem vitae durabit amor
Desideriumque Rhodi.

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.

Vita nostra brevis est, brevi finietur; (Rep)
Venit mors velociter, rapit nos atrociter,
Nemini parcetur, nemini parcetur.

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

Vivant omnes virgines, faciles, formosae, (Rep)
Vivant et mulieres, dulces et amabiles,
Bonae, laboriosae, bonae, laboriosae.

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

Pereat tristitia, pereant osores, (Rep)
Pereat diabolus, quivis antiburschius,
Atque irrisores, atque irrisores.

Let us live then, and be glad
While young life's before us!
After youthful pastime had,
After old age, hard and sad,
Earth will slumber o'er us.

Where are they who in this world,
Ere we kept, were keeping?
Go ye to the gods above;
Go to hell; inquire thereof;
They are not: they're sleeping

Brief is life, and brevity
Briefly shall be ended:
Death comes like a whirlwind strong,
Bears us with his blast along;
None shall be defended.

Live this university
Men that learning nourish!
Live each member of the same,
Long live all that bear its name;
Let them ever flourish!

Live all girls! A health to you,
Melting maids and beauteous!
Live the wives and women too,
Gentle, loving, tender, true,
Good industrious, duteous!

Live the commonwealth also,
And the men that guide it!
Live our town in strength and health,
Founders, patrons, by whose wealth
We are here provided!

Perish cares that pule and pine!
Perish envious blamers!
Die the Devil, thine and mine!
Die the starch-neck Philistine!
Scoffers and defamers!