

SCIENCE



RHODES UNIVERSITY

2009

GRADUATION CEREMONY

1820 SETTLERS NATIONAL MONUMENT

FRIDAY 17 APRIL AT 14:30

CHANCELLOR

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

VICE-CHANCELLOR

S.Badat, B.Soc.Sc.(Hons), Cert.H.E.Sc.&Tech.Policy, Ph.D., D.Phil. (Honoris causa)

DEPUTY VICE-CHANCELLOR (ACADEMIC & STUDENT AFFAIRS)

S.G. Mabizela, M.Sc., Ph.D.

DEPUTY VICE-CHANCELLOR (RESEARCH & DEVELOPMENT)

P.G. Clayton, Ph.D., F.I.C.S., M.C.S.S.A., M.A.C.M.

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. (Honoris causa)

DEANS

Professor F.T. Hendricks, B.A., M.Soc.Sc., Ph.D.

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

Professor J. Campbell, B.A., LL.B., LL.M.

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

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

Professor R.B. Walker B.Pharm., Ph.D., M.P.S.

Dr V.A. de Klerk, M.A., H.E.D., Ph.D.

Professor M.D. Vermaak, B.A.(Hons), Drs.Phil.

Dean of the Faculty of Humanities

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 Students

Dean: International Office

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 furum
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 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 Anusuya Chinsamy-Turan 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 congregation will stand and sing the National Anthem.

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 and the singing of the National Anthem, members of the Congregation are requested to remain seated throughout the proceedings.

FACULTY OF SCIENCE
DEGREE OF BACHELOR OF SCIENCE

ANDERSON, Malcolm Neil
 BASSON, Wade, **with distinction in Biochemistry**
 BAX, Seamus
 BIGGS, Rory, **with distinctions in Applied Mathematics and Mathematics**
 BOBBINS, Kerry Leigh
 BOOTH, Jenny Marie, **with distinction in Entomology**
 BOSMAN, Devlin Michael
 BRAND, Michael
 BRASSINE, Eleanor Iseult
 BRENNAN, Hillary Xanthe
 BUCHANAN, Gwynlyn Reinette
 BURFORD, Eva-Maria
 CARVER, Alistair Hugh
 COOPER, Nicola Jane
 COWIE, Bradley, **with distinctions in Computer Science and Mathematics**
 CROUS, Lara
 DAVEY, Ryan James
 DAVIDSON, Ashley-Kate
 DE GRAY BIRCH, Casey
 DELL, Lynne
 DHANANI, Karim Colin Hassan
 DOW, Samantha-Lee
 EDKINS, Grant Lester
 ELEY, Clive William, **with distinctions in Chemistry and Mathematics**
 EUVRARD, Benjamin Mxolisi
 FITZPATRICK, Brian Colin
 FLEMING, Darryl Leonard
 FORTEATH, Shaun, **with distinction in Biochemistry**
 FOULKES, Susan Elizabeth
 GANES, Sevana

GARAPO, Simbarashe Terence, **with distinction in Information Systems**
 GODLONTON, Jennifer Wendy
 GOSS, Sheldon Edward, **with distinctions in Botany and Geography**
 GURA, Khanyisa
 HAIDULA, Alina Fimaneka, **with distinction in Geology**
 HANDLEY, Jonathan Murray
 HAZLE, Candice Janine, **with distinction in Psychology**
 HAZLE, Carmen Simone, **with distinction in Psychology**
 HENNINGER, Helen Clare, **with distinction in Mathematics**
 HENNINGER, Katharine Rose
 HODGSON, Ivan Mark
 HODKIN, Claire Lindsay, **with distinctions in Human Kinetics & Ergonomics and Microbiology**
 HUNTER, Craig Scott
 HYDE, Andrew Nicholas, **with distinctions in Mathematical Statistics and Mathematics**
 JACOBSZ, Wessel Louis
 JAPP, Kevin Simon, **with distinctions in Chemistry and Mathematics**
 JOHNSON-MARSHALL, Anneka Jay
 JONES, Sara Sharon
 KEEVEY, Garreth Paul
 KENYON, Amy, **with distinctions in Biochemistry and Chemistry**
 KHAN, Taariq, **with distinction in Information Systems**
 KRUGER, Jerraleigh Lorin
 KRUID, Jan
 LANDEY, David
 LEE, Lauren Cornelia
 LODGE, Jamie Alexandra
 LOUBSER, Alexei
 LUSITHI, Bonele
 LUYT, Leslie Michael, **with distinction in Computer Science**
 MACFARLANE, Sally Ann
 MAFUMA, Tendai Simbarashe
 MAGANO, Nomasonto Lettie
 MAKANJEE, Che Azad, **with distinction in Chemistry**

MALCOMESS, Grant Carl
 MATERECHERA, Fenji Margaret
 MATIWANE, Nozici
 MCCAFFERTY, James Ross, **with distinction in Ichthyology**
 MENDES, Adriano, **with distinctions in Biochemistry and Microbiology**
 MILANZI, Lesedi Alaser
 MOGOTSI, Keoikantse Moses
 MOKHATHOLANE, Moses Dibomo
 MOSS, Shelley Lynne
 MQUTENI, Thokozani
 MURRAY, Taryn Sara, **with distinction in Ichthyology**
 MWILA, Katayi
 NASE, Pumza
 NDI MANDE, Thokozani Ernest
 NGCOBO, Nkanyiso Luthando
 NHLAPO, Thulile Faith
 NHLEKO, Zoliswa Nombulelo
 NKOHLA, Luyanda
 NOMOYI, Siyabulela, **with distinctions in Mathematical Statistics and Mathematics**
 NOTTINGHAM, Kathryn Lois, **with distinction in Chemistry**
 NOWERS, Kathleen Lynn
 NTSUNGUZI, Lubabalo
 PANGABANTU, Thandokazi Leonora
 PARKER, Denham, **with distinction in Ichthyology**
 PARKINSON, Matthew Cameron, **with distinction in Ichthyology**
 PEEL, Richard Anthony, **with distinction in Ichthyology**
 PIENAAR, Charl, **with distinctions in Botany and Geology**
 PIETERSEN, Ryan Michael
 PRANSCHKE, Georg-Christian
 QUTU, Bavulele
 RAVALA, Nisha
 RIDDIN, Nicholas Alwyn
 SCOTT, Shane Elvin
 SHEPPARD, Bronwyn Jane
 SINGH, Dale Alexander

SITHOLE, Mandisi Eugene
 SMEDLEY, David Alan, **with distinction in Environmental Science**
 SMITH, Emma Ruth
 STANTON, Wade Derek
 STERRENBURG, Jason Neville, **with distinction in Biochemistry**
 TAYLOR, Theresa Mary
 THORNYCROFT, Micheen Barbara
 TURNBULL, Chantelle
 VAN CITTERT, Matthew James
 VAN DER MERWE, Michelle Charme
 VAN NIEKERK, Robyn
 VENTER, Kirsty Jenna
 VOGEL, Emma Jayne
 WARTENBERG, Reece, **with distinction in Ichthyology**
 WATERMEYER, Jessica Patricia, **with distinction in Environmental Science**
 WEBBER, Graham
 WILLMER, Tarryn
 WRIGHT, Nigel John Hickson
 ZEISBERGER, Roxanne Josie

DEGREE OF BACHELOR OF SCIENCE (INFORMATION SYSTEMS)

BERKLAND, Ross Conrad
 BERNDT, Mark Denver, **with distinction in Information Systems**
 GOODRICK, Glen, **with distinctions in Computer Science and Information Systems**
 JURY, Ryan Lucas
 KARABO, Gaone
 KASI, Bridget Sizukisa
 LIDONDE, Edinah Shiazala
 MAUMBE, Tapiwa
 MOLLEL, Patricia Jacob, **with distinction in Information Systems**
 MTHUPHA, Bokang
 ROYLE, Matthew George
 SHIELS, Ross David

SHONGWE, Nelisa Sayinile Qhubeka
SWAINE, Mark John
VAN DYK, Mark Anthony Jason
XUBA, Nomthunzi

DEGREE OF BACHELOR OF SCIENCE WITH HONOURS

ABEL, Sarah Ruth, in Chemistry, **with distinction**
AMBROSE, Shan Taryn, in Marine Biology, **with distinction**
APPEL, Misty, in Computer Science/Electronics, **with distinction**
BAILLIE, Vicky Lynne, in Microbiology, **with distinction**
BAKER, Kathleen Victoria, in Geology
BARRATT, Megan Jane, in Biochemistry
BODILL, Samantha, in Zoology, **with distinction**
BOULLE, Michael Joseph, in Geography
BRASSINE, Mathilde Chloe, in African Vertebrate Biodiversity
BROMLEY, Candice Leigh, in Chemistry, **with distinction**
CHARLTON, Jane Laura, in Biochemistry/Computer Science
CHURCHES, David John, in Ichthyology & Fisheries Science
COATES, Megan Patricia, in Chemistry, **with distinction**
COCKBURN, Ingrid Louise, in Biochemistry, **with distinction**
COLLETT, Oliver John Philip, in Physics
CONIBEAR, Anne Claire, in Chemistry, **with distinction**
COOPER, Leanne Claire, in Biochemistry, **with distinction**
COPLEY, Robert James, in Information Systems
CRIPWELL, Devin Matthew, in Human Kinetics & Ergonomics
CROMHOUT, Mary Elizabeth, in Biotechnology, **with distinction**
D'SOUZA, Sarah, in Chemistry
DASTILE, Xolani Collen, in Mathematical Statistics/Mathematics
DE BRUYN, David Daniel, in Computer Science/Electronics
DOCHERTY, Jacqueline Frances, in Psychology, **with distinction**
EDWARDS, Sean Leonard, in Biotechnology
FAULKNER, Katelyn Terri, in Marine Biology, **with distinction**
FEARON, Janine Lee, in Botany
FEARON, Joclyn Joe, in Biodiversity and Conservation
FORBES, Ross William, in Zoology, **with distinction**
FOULIS, Alan John, in Ichthyology & Fisheries Science

FOXCROFT, Terence Robert, in Computer Science/Information
Systems, **with distinction**

FRYER, Lindi, in Geology

GAVAZA, Takayedzwa, in Computer Science

GODLONTON, Ross Brian, in Information Systems, **with
distinction**

GOSLING, Amanda Karen, in Biodiversity and Conservation

GREENBERG, Wayne, in Mathematics

GRIMMER, Ashley, in Ichthyology & Fisheries Science, **with
distinction**

HEIN, Liesel, in African Vertebrate Biodiversity

HENRY, Lucia, in Biotechnology

HERRIDGE, Kristy Lynn, in Information Systems, **with distinction**

HUTTON, Dale Sean, in Biodiversity and Conservation

JACOBS, Carmen, in Information Systems, **with distinction**

JOHNSON, Hailey Elizabeth, in Biotechnology, **with distinction**

JOUBERT, Jennifer, in African Vertebrate Biodiversity

KING, Shirley Anne, in Microbiology

KOK, Armand Du Preez, in African Vertebrate Biodiversity

KOTA, Zukiswa Thozama, in Environmental Science

LEE, Brendon, in Ichthyology & Fisheries Science, **with distinction**

MACKAY, Melanie Claire, in Information Systems

MAKUBE, Bonno, in Geology

MALIZA, Siyabonga, in Ichthyology & Fisheries Science

MAMBO, Prudence Mutsa, in Microbiology

MARTIN, Wony Christa, in Geology

MASILO, Thabo, in Mathematical Statistics/Mathematics

McCLURE, Alice Patricia, in Environmental Science

MCGREGOR, Emily Skye, in Environmental Science, **with
distinction**

McQUAID, Christopher Finn, in Mathematics, **with distinction**

MELLY, Brigitte Leigh, in Geography, **with distinction**

MEYER, Annalene, in Chemistry

MIDGLEY, Craig, in Ichthyology & Fisheries Science

MILLIN, Jonathan James, in Computer Science, **with distinction**

MOODLEY, Hanika, in Biotechnology

MOODLEY, Thrineshen, in Chemistry

MORBI, Fatema Hooneid, in Environmental Water Management, **with distinction**
 MORRISON, Roxann, in Biochemistry
 MOSTERT, Esther Anna, in Zoology
 MOYO, Buhle, in Microbiology, **with distinction**
 MUDIMBA, Bwini Chizabubi, in Computer Science
 MÜLLER, Andrea, in Applied Mathematics, **with distinction**
 MUNDY, Matthew Blondel, in Biodiversity and Conservation
 MUNNIK, Kate Caroline, in Ichthyology & Fisheries Science
 MUSVIBE, Ray Strong, in Computer Science
 MUTSVUNGUMA, Lorraine Zvichapera, in Biochemistry
 MZOBÉ, Pearl Nonjabulo, in Environmental Water Management
 NAMBIAR, Shari, in Biotechnology
 NCUBE, Sinini Paul, in Computer Science
 NDAKUNDA, Shange-Ishiwa Tangeni, in Computer Science
 NDUMBU, Loide Naituwe Nandigolo, in Biodiversity and Conservation
 NGWAILE, Deliwe Precious, in Information Systems
 NOTTINGHAM, Alastair Timothy, in Computer Science, **with distinction**
 O'CONNOR, Ryan Anthony, in Geography
 OLDS, Alexis Amy, in Biodiversity and Conservation
 PATCHAY, Sharisaan, in Information Systems, **with distinction**
 PENGELLY, Rosalind Fiona, in Human Kinetics & Ergonomics
 PEREIRA DA CONCEICOA, Lyndall Louise, in Entomology
 PETZER, Darrin Michael, in Geography
 PONJOU TASSE, Flora, in Computer Science, **with distinction**
 RAINER, Jordan Alexander, in Biotechnology
 RICKERTS, Aletia Somoulia, in Environmental Science
 ROBEY, James, in Marine Biology
 ROBEY, Kate, in Geology
 SAHD, Curtis Lee, in Computer Science, **with distinction**
 SCISCIO, Lara, in Geology, **with distinction**
 SHILONGO, Erna Etuna, in Geology
 SIMAK, Geraldine Josephine, in Environmental Science, **with distinction**
 SINCHEMBE, Mwaka Clothilda, in Environmental Science

SLATTER, Craig John, in Biotechnology
 SNYMAN, Denise Christine, in Information Systems
 SSESSANGA, Nicholas, in Physics & Electronics
 TLOU, Mercutio, in Information Systems
 TOWNSHEND, Katherine Jean, in Geography
 TRISTRAM, Waide Barrington, in Computer Science, **with distinction**
 TURK, Brendan Kerr, in Environmental Science, **with distinction**
 TYALIMPI, Vumile Mike, in Physics
 VAN DER MERWE, Dylan Ryan, in Computer Science
 VERMEULEN, Ilke, in Marine Biology, **with distinction**
 VORSTER, Schalk Willem, in Information Systems
 WALTON, Shaun Michael, in Entomology
 WARD, Catherine Dale, in Environmental Science, **with distinction**
 WEYER, Dylan James, in Environmental Science, **with distinction**
 WEYL, Philip Sebastian Richard, in Entomology, **with distinction**
 WRIGHT, Imogen Abigail, in Physics, **with distinction**

DEGREE OF MASTER OF SCIENCE

ABBOO, Sagar, Nat.Dip.Med.Tech. (PE Technikon), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Phenolic compounds in water and the implications for rapid detection of indicator micro-organisms using β -D-Galactosidase and β -D-Glucuronidase.

BENNETT, Anthea Iona, B.Sc. (Hons) (Rhodes), in Ergonomics, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: The effect of load and technique on biomechanical and psychophysical responses to level dynamic pushing and pulling.

BERNATZEDER, Andrea Katinka, B.Sc. (UCT), B.Sc. (Hons) (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Salinity induced physiological responses in juvenile dusky kob, *Argyrosomus japonicus* (Sciaenidae).

BIRKHOLZ, Sharon Alice, B.Sc. (Hons) (Pretoria), in Geography, in the Department of Geography. Degree by thesis. Thesis: Human-River Relationships in the Kat River Catchment and the implications for Integrated Water Resource Management (IWRM): an exploratory case study.

BOOTH, Tara Loran, B.Sc. (Hons) (Rhodes), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The ichthyofauna associated with Taylor's Intertidal Salt Marsh, Kariega estuary, Eastern Cape, South Africa.

CHIMVINGA, Joseph, B.Sc. (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: A review of exploration models and techniques for granite hosted uranium mineralisation with special reference to Rossing-type uranium deposits in the Damara Orogeny of Namibia.

DALY, Ryan, B.Sc. (UCT), B.Sc. (Hons) (NMMU), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Trophodynamics of mesozooplankton in the vicinity of the subtropical convergence in the Indian sector of the Southern Ocean.

DAVENPORT, Nicholas Ashbury, B.Sc. (Hons) (Rhodes), in Environmental Science, **with distinction**, in the Department of Environmental Science. Degree by thesis. Thesis: The contribution of municipal commonage to local peoples' livelihoods in small South African towns.

DE LA MARE, Jo-Anne, B.Sc. (Hons) (Rhodes), in Microbiology, **with distinction**, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Understanding the complexity of metabolic regulatory systems: An investigation into the regulation of hydantoin-hydrolysis in *Pseudomonas putida* RU-KM3_s.

DESAI, Sheena Dhiksha, B.Sc. (Hons) (Rhodes), in Ergonomics, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: The effect of load and technique on biomechanical and perceptual responses during dynamic pushing and pulling.

DORBOR, Stephen Baysah, B.Sc. (Liberia), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: A comparative review of kimberlites of the Man Craton (West Africa) and the Kaapvaal Craton (South Africa): Towards a genetic model.

ELLENDER, Bruce Robert, B.Sc. (NMMU), B.Sc. (Hons) (Rhodes), in Fisheries Science, **with distinction**, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The impact of angling on smallmouth and largemouth Yellowfish, *Labeobarbus aeneus* and *Labeobarbus kimberleyensis*, in Lake Gariep, South Africa.

FRITH, Kelly-Anne, B.Sc. (Hons) (Rhodes), in Biotechnology, **with distinction**, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Polymers, catalysts and nanostructures: A hybrid approach to biomolecule detection.

FOULKES, Philip James, B.Sc. (Hons) (Rhodes), in Computer Science, **with distinction**, in the Department of Computer Science. Degree by thesis. Thesis: A grid-based approach to the remote control and recall of the properties of IEEE1394 audio devices.

GLOVER, Elistan Nicholas, B.Sc. (Hons) (Rhodes), in Mathematical Statistics, **with distinction**, in the Department of Statistics. Degree by coursework and thesis. Thesis: Analytic pricing of American put options.

GREEN, Alistair John, B.Sc. (Hons) (Rhodes), in Fisheries Science, **with distinction**, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The protein and energy requirements of the South African abalone, *Haliotis midae*.

HOOSSEIN, Shafick, B.Sc. (Hons) (Rhodes), in Environmental Science, **with distinction**, in the Department of Environmental Science. Degree by thesis. Thesis: The development of sustainability criteria to facilitate the selection of sanitation technologies within the Buffalo City Municipality (Eastern Cape Province, South Africa).

HWATA, Joseph Maduviko, B.Sc. (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: Use of mineral chemistry in diamond exploration in Southern Africa.

ILONGO LA HIMBAPEYA, Herve, Dip. (Lubumbashi), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: The Neoproterozoic Katangan Copperbelt: Systematic overview of geology, with emphasis on exploration models in southern Democratic Republic of Congo.

JONES, Roy William, Nat.Dip. (Technikon SA), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The impact of water hyacinth, *Eichhornia crassipes* (Martius) Solms-Laubach (Pontederiaceae) on the biodiversity of Lake Nsezi – Nseleni River System.

KACHIGUNDA, Taurai, B.Sc. (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: Nickel sulphide segregation in ultramafic rocks.

KANDJOU, Kaunahama, B.Sc. (Namibia), B.Sc. (Hons) (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Effect of salinity on the stress response of juvenile white steenbras *Lithognathus lithognathus*.

KELLY, Janet Erica, B.A., B.Sc. (Hons) (Rhodes), in Human Kinetics and Ergonomics, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: The effect of progressive resistance training on the blood lipid profile in post-menopausal women.

KEMP, Justin Oliver Gordon, B.Sc. (Hons) (Rhodes), in Fisheries Science, **with distinction**, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Mariculture as a means to add value to the east coast rock lobster *Panulirus homarus rubellus* subsistence fishery: A physiological approach to define transport and growout protocols for wild caught juveniles.

KGOPA, Ananias Hodi, B.Sc. (Hons) (Limpopo), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Molecular and biochemical analysis of the diet of the black rhinoceros.

LOTZ, Stefanus Ignatius, B.Sc. (Hons) (Stellenbosch), in Physics, **with distinction**, in the Department of Physics and Electronics. Degree by coursework and thesis. Thesis: Predictability of geomagnetically induced currents using neural networks.

MAHLASELA, Zuko, B.Sc. (Hons) (Fort Hare), in Applied Mathematics, in the Department of Mathematics. Degree by coursework and thesis. Thesis: Finite fuzzy sets, keychains and their applications.

MAROVA, Takashaya, B.Sc. (Hons) (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: An integrated exploration approach for lode gold deposits in buried Archaean Greenstone Belts: A case study from South West Zimbabwe.

MBAMBISA, Gcineka, B.Sc. (Hons) (Rhodes), in Chemistry, **with distinction**, in the Department of Chemistry. Degree by thesis. Thesis: Synthesis and electrochemistry of octapentylthiophthalocyanine complexes of manganese, titanium and vanadium.

McMANUS, Jeannine Stephanie, B.Tech. Nature Conservation (NMMU), in Zoology, **with distinction**, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The spatial

ecology and activity patterns of leopards (*Panthera pardus*) in the Baviaanskloof and greater Addo Elephant National Park (GAENP), Eastern Cape Province, South Africa.

MILES, Shaun Graeme, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Evaluating identity and access management as an enabler of next generation networks.

MILLWARD, Tanya Yvonne, B.Sc. (Hons) (Rhodes), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Studies towards the synthesis of novel tridentate ligands for use in ruthenium metathesis catalysts.

MMONWA, Kolobe Lucas, B.Sc. (Hons) (Limpopo), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Phylogeography and Epifauna of intertidal seaweeds on the coast of South Africa.

MODIBANE, Kwena Desmond, B.Sc. (Hons) (Limpopo), in Chemistry, **with distinction**, in the Department of Chemistry. Degree by thesis. Thesis: Synthesis and photophysical properties of antimony and lead phthalocyanines.

MONTOYA-MAYA, Phanor Hernando, B.Sc. (Hons) (Jorge Tadeo Lozano Universidad), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Dynamics of larval fish and zooplankton in selected South and West coast estuaries of South Africa.

MULUMBA, Patrick William Mugwanya, B.Sc. (Hons) (Rhodes), in Computer Science, **with distinction**, in the Department of Computer Science. Degree by thesis. Thesis: A common analysis framework for simulated streaming-video networks.

MWALE, Giddy, B.Min.Sc., (Zambia), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis.

Thesis: The geological evolution and copper mineralization of the Kangaluwi Area of the Southern Irumide Belt, Zambia.

NAIDOO, Merle, B.Sc. (Hons) (Durban Westville), in Geography, in the Department of Geography. Degree by thesis. Thesis: A situational analysis on the public participation processes in integrated water resources management in the Kat River Valley, Eastern Cape, South Africa.

NDEBELE, Nothabo Elizabeth, B.Sc. (Hons) (Rhodes), in Mathematical Statistics, in the Department of Statistics. Degree by thesis. Thesis: Clustering algorithms and their effect on edge preservation in image compression.

NEMUKULA, Aluwani, B.Sc. (Venda), B.Sc. (Hons) (Rhodes), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Purification, characterization and pharmaceutical applications of a fructosyltransferase, from *Aspergillus aculeatus*, in the synthesis of short chain fructooligosaccharides.

NGCAMU, Nokubonga Slindele, B.Sc. (Hons) (Rhodes), in Ergonomics, **with distinction**, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: Awkward working postures and precision performance as an example of the relationship between ergonomics and production quality.

NGCOFE, Luncedo Dalithemba Sanelisiwe, B.Sc. (Hons) (Fort Hare), in Geography, in the Department of Geography. Degree by thesis. Thesis: Assessment and monitoring of land degradation using remote sensing and geographic information systems (GIS): A case study of Qoqodala within the Wit-Kei catchment in the Eastern Cape, South Africa.

NGWIRA, Chigomezoyo Mudala, B.Sc. (Zambia), B.Sc. (Hons) (UCT), in Physics, **with distinction**, in the Department of Physics and

Electronics. Degree by coursework and thesis. Thesis: Geomagnetically induced current characteristics in Southern Africa.

NOMBONA, Nolwazi, B.Sc. (Hons) (Rhodes), in Chemistry, **with distinction**, in the Department of Chemistry. Degree by thesis. Thesis: Electrochemical studies of titanium, manganese and cobalt phthalocyanines.

OTTEN, Frederick John, B.Sc. (KwaZulu-Natal), B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Using semantic knowledge to improve compression on log files.

PALMER, Bronwyn Jane, B.Sc. (Hons) (Rhodes), in Geography, in the Department of Geography. Degree by thesis. Thesis: A GIS assessment of development and land use change in the coastal zone of the Ndlambe and Ngqushwa local municipalities, Eastern Cape, South Africa.

PARADZA, Masimba Wellington, B.Sc. (Midlands State University), B.Sc. (Hons) (UCT) in Physics, in the Department of Physics and Electronics. Degree by coursework and thesis. Thesis: Development of a neural network based model for predicting the occurrence of spread F within the Brazilian sector.

PIETERSEN, Adrian Marc, B.A. (Hons) (Rhodes), in Geography, in the Department of Geography. Degree by thesis. Thesis: A fluvial geomorphological study of river rehabilitation in the Kouga region, Eastern Cape.

POWELL, Michael John, B.Sc. (Natal), Dip Nature Conservation (Technikon Pretoria), in Environmental Science, **with distinction**, in the Department of Environmental Science. Degree by thesis. Thesis: Restoration of the degraded subtropical thickets of the Baviaanskloof: The role of carbon stocks and spekboom survivorship.

RICHTER, John Peter Frank, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: An investigation into the design and implementation of an Internet-Scale Network Simulator.

RIDDIN, Tamsyn Louise, B.Sc. (Hons) (Rhodes), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Investigating the enzymatic mechanism of platinum nanoparticle synthesis in sulphate-reducing bacteria.

RODGERSON, Joanne Kelly, B.Sc. (Hons) (Rhodes), in Mathematics, in the Department of Mathematics. Degree by thesis. Thesis: Contributions to the study of a class of optimal control problems on the Matrix Lie Group $SO(3)$.

RUSERE, Jeremy, B.Sc. (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and thesis. Thesis: The role of structure and host-rock composition during the emplacement of Archaean lode gold mineralization in the Midlands and Greenstone Belt, Zimbabwe.

SEGWABE, Tebogo, B.Sc. (Botswana), in Geology, in the Department of Geology. Degree by thesis. Thesis: The geological framework and economic potential of the coal-bearing Karoo Strata in the Central Kalahari Karoo Basin, Botswana.

STERLEY, Jessica Anne, B.Sc. (Hons) (Rhodes), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Trophodynamics of carnivorous zooplankton in the region of the subtropical convergence within the Indian sector of the Southern Ocean, with particular emphasis on Chaetognaths.

TALWANGA, Matiki, B.Sc. (Hons) (Fort Hare), in Mathematics, **with distinction**, in the Department of Mathematics. Degree by thesis. Thesis: The principle of inclusion-exclusion and Möbius function as counting techniques in finite fuzzy subsets.

DEGREE OF DOCTOR OF PHILOSOPHY

ANDREWS, Allen Hia, M.Sc. (California State University), in Ichthyology, in the Department of Ichthyology & Fisheries Science. Degree by thesis. Thesis: Lead-Radium dating of two deep-water fishes from the southern hemisphere, Patagonian Toothfish (*Dissostichus eleginoides*) and Orange Roughy (*Hoplostethus atlanticus*). Supervisor: Dr PD Cowley. Co-supervisor: Professor G Cailliet.

BOTHA, Melissa, B.Sc. (Hons) (Rhodes), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Characterisation of the *Plasmodium falciparum* Hsp40 chaperones and their partnerships with Hsp70. Supervisor: Professor GL Blatch.

BOWNES, Angela, M.Sc. (Rhodes), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Evaluation of a plant-herbivore system in determining potential efficacy of a candidate biological control agent, *Cornops aquaticum* for water hyacinth, *Eichhornia crassipes*. Supervisor: Professor MP Hill. Co-supervisor: Professor MJ Byrne.

DIAZ DIAZ, Eliecer Rodrigo, Licentiate in Marine Science (Universidad Catholica Del Norte, Chile), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Hierarchical spatial structure and levels of resolution of intertidal grazing and their consequences on predictability and stability at small scales. Supervisor: Professor CD McQuaid.

GANTO, Mlungiseleli Macdonald, B.Sc. (Hons) (UWC), M.Sc. (UCT), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Application of Baylis-Hillman Methodology in the construction of complex heterocyclic targets. Supervisor: Professor PT Kaye.

TRAAS, Graham Ronald Louis, B.Sc. (Hons) (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The conservation and management of freshwater fishes in the Greater Addo Elephant National Park.

TSILO, Lipontseng Cecilia, B.A. (Lesotho), B.A. (Hons) (Rhodes), in Mathematical Statistics, in the Department of Statistics. Degree by coursework and thesis. Thesis: Protein secondary structure prediction using neural networks and support vector machines.

TUKULULA, Matshawandile, B.Sc. (Hons) (Rhodes), in Chemistry, **with distinction**, in the Department of Chemistry. Degree by thesis. Thesis: The design and synthesis of Novel HIV-1 Protease Inhibitors.

UWAMAHORO, Jean, B.Sc. (Kigali) B.Sc. (Hons) (UCT), in Physics, **with distinction**, in the Department of Physics and Electronics. Degree by coursework and thesis. Thesis: Forecasting solar cycle 24 using neural networks.

VLOK, Marli, B.Sc. (Hons) (Rhodes), in Microbiology, **with distinction**, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Understanding the function of *Helicoverpa armigera* stunt virus p17 in the virus lifecycle.

WATT-PRINGLE, Peter Andrew, B.Sc. (Hons) (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Movement behaviour of three South African inshore sparid species in rocky intertidal and shallow subtidal habitats.

WOOLLEY, Lindsey Dawn, B.Sc. (Hons) (UJ), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The development of a practical diet for juvenile dusky kob, *Argyrosomus japonicus*, for the South African mariculture industry.

GLASS, Kevin Robert, B.Sc. (Hons) (RAU), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Automating the conversion of natural language fiction to multi-modal 3D Animated Virtual Environments. Supervisor: Professor SD Bangay.

HENNINGER, Tony Oskar, M.Sc. (Rhodes), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Aspects of the ecology and biology of the isopod, *Exosphaeroma hylcoetes*, (Barnard, 1940) in three temporarily open/closed Southern African estuaries. Supervisor: Professor AN Hodgson. Co-supervisor: Professor PW Froneman.

IDOWU, Mopelola Abidemi, M.Sc. (Ibadan), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Photophysical and photochemical behaviour of metallophthalocyanines: Effect of nanoparticles and molecules of biological importance. Supervisor: Professor T Nyokong.

KASCHULA, Sarah Alice Hart, M.Sc. (Wits), in Environmental Science, in the Department of Environmental Science. Degree by thesis. Thesis: The impact of HIV/AIDS on household food security and food acquisition strategies in South Africa. Supervisor: Professor C Shackleton.

MKIZE, Nolwazi, B.Sc. (Fort Hare), M.Sc. (Rhodes), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Insect pests of cultivated and wild olives, and some of their natural enemies, in the Eastern Cape, South Africa. Supervisor: Professor MH Villet.

NAKIN, Motebang Dominic Vincent, M.Sc. (UNITRA), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Effects of marine reserves on the biology of rocky intertidal limpets along the southeast coast of South Africa. Supervisor: Professor CD McQuaid.

SAWUNYAMA, Tendai, M.Sc. (Zimbabwe), in Hydrology, in the Institute for Water Research. Degree by thesis. Thesis: Evaluating uncertainty in water resources estimation in Southern Africa: A case study of South Africa. Supervisor: Professor DA Hughes.

THINYANE, Mamello Patience, M.Sc. (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: A knowledge oriented, context sensitive architectural framework for service deployment in marginalized rural communities. Supervisor: Professor A Terzoli. Co-Supervisor: Professor PG Clayton.

WALTER, Cheryl Tracy, M.Sc. (Rhodes), in Microbiology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Establishing experimental systems for studying the replication biology of *Providencia virus*. Supervisor: Professor RA Dorrington.

VICE-CHANCELLOR'S AWARDS

Vice-Chancellor's Distinguished Senior Research Medal
Peter Vale

Vice-Chancellor's Distinguished Senior Teaching Medal
Russell Harold Kaschula

Vice-Chancellor's Distinguished Teaching Medal
Heila Betrie Sisitka

Vice-Chancellor's Distinguished Award for Community Engagement

Vice-Chancellor's Book Award
Daniel Alban Wylie

ACADEMIC HONOURS

ABEL, Sarah Ruth	JAPP, Kevin Simon
ABRAHAM, Philip John Murray	JOHNSON, Eleanor
BIGGS, Rory	KENYON, Amy
BRICKHILL, Liam Timothy	KLEYNHANS, Danielle Merlyn
BREIER, Daniel Robert	LOMBARD, Erica Louise
CHILES, Sarah Anne	MBAO, Wamuwi
CLOETE, Ingrid Susan	MCQUAID, Christopher Finn
COATES, Megan Patricia	MILLIN, Jonathan James
CONIBEAR, Anne Claire	MOHAMED, Sarah Shirazali -
COOKE, Kayleen Jeanne	Hassam
COWIE, Bradley	MORBI, Fatema Hooneid
DORASAMY, Chloe	MULLER, Andrea
DU PREEZ, Elizabeth Inge	NOMOYI, Siyabulela
ELEY, Clive William	NOTTINGHAM, Alastair Timothy
GOODRICK, Glen	PONJOU TASSE, Flora
GROGAN, Patrick Meredith	SANDBERG, Dale Mary
HALL, Leila Marie Elisabeth Helen	SIEBORGER, Ian
HARDING, Storm Thyra	STYLIANOU, Christina Kleanthous
HARRY, Cairen	TRISTRAM, Waide Barrington
HOLLAND, Emma Huntsman	TYFIELD, David Anthony
HORSMAN, Mark Glen	WILSENACH, Rouan Moorcroft
HYDE, Andrew Nicholas	WRIGHT, Imogen Abigail

ACADEMIC COLOURS

ADAMI, Kelly Anne	JHUNDOO, Henusha Devi
ALEXANDER, Christie Anne	JOHNSON, Hailey Elizabeth
ANDREWS, Anthony Leonardo	KARRIM, Qudsiya
Sydney	KWATSHA, Lindiwe Mapule
APPEL, Misty	LANDERS, Samantha Mle
ATKINSON, Miranda Ruth	LEE, Brendon
BAILLIE, Vicky Lynne	MARSH, Melissa Joanne
BARFORD, Kirsty-Lee	MASTER, Miqdad Ghulamabbas
BODILL, Samantha	MCDUGALL, Timothy Patrick
BOSWORTH-SMITH, Sadie	MCGREGOR, Emily Skye
Elizabeth	MCLEA, Harriet Katharine
BROCK, Robert Nicholas	Thandiwe
BROMLEY, Candice Leigh	MELLY, Brigitte Leigh
CLIFFORD-HOLMES, Jai Kumar	MENEZIES, Jade Michele
CLUVER, Frances Rose Mannix	MKHABELA, Hlawulani
COCKBURN, Ingrid Louise	Noluthando
COLLETT, Gary Reece	MOODLEY, Megandrie
COLLETT, Jenna Lara	MOYO, Buhle
COOPER, Leanne Claire	MURRAY, Pamela Elizabeth
COX, Robyn Jane	PARKIN, Melissa Madeleine
CROMHOUT, Mary Elizabeth	PATCHAY, Sharisaan
CRYMBLE, Leigh	PETROV, Pavel
DANIEL, Dustan William	PIENAAR, Charl
DEALL, Michael John	REID, Luke Jabulani
DELPORT, Lindi Lou	RICHARDSON, Alexandra Vanessa
EHRlich, Philippa Louise	RICHTER, Teri
FAULKNER, Katelyn Terri	SAHD, Curtis Lee
FORBES, Ross William	SCHEEPERS, Sharlane Tanith
FOSS, Jeremy John	SCHIER, Thorsten Ewald
FOX, Peta Ann	SCISCIO, Lara
FOXCROFT, Terence Robert	SHAPIRO, Stacey-Leigh
FURMAN, Katherine Elizabeth	SHIVJI, Taizeen
GANIWALLA, Shaheed Imtiaz	SIMAK, Geraldine Josephine
GODLONTON, Ross Brian	SPRING, Joseph Stephen
GOSS, Sheldon Edward	STARKEY, Randall Ashley
GOUWS, Nicole Lyn	STEVENS, David Paul
GREYLING, Elizabeth Sophia	STOPFORTH, Penny
GRIMMER, Ashley	STYLIANOU, Michelle Alexandra
HEIDEMAN, Vicky Joanna	SUTHERLAND, Graeme Wakfer
HERRIDGE, Kristy Lynn	TENG, James Wei Jie
JACOBS, Carmen	TENNENT, Nicola Gail
JACOBSON, Jade Leigh	THOMPSON, Alice Lynne

TURK, Brendan Kerr
 VERMEULEN, Ilke
 WARD, Catherine Dale
 WELLS, Bridget Leigh

WEYER, Dylan James
 WEYL, Philip Sebastian Richard
 WINN, Michael

ACADEMIC HALF COLOURS

AGUSTONI, Lorenzo Angelo
 BARRETT, Dennis Ian
 BASSON, Wade
 BEHRENS, Michelle Christine
 BOOTH, Jenny Marie
 BOULLE, Catherine Ann
 BRODERICK, Lucy Mea
 BULL, Katherine Anne
 CALDER, Amanda Jane
 CARTER, Emmylou
 CARTWRIGHT, Peter Mark
 CLARKE, Caryn Lee
 CONNOR, Ashleigh Louise
 COOMBES, Candice Anne
 COOMBES, Matthew John
 CRYMBLE, Gregory Arnold
 CRYMBLE, Tegan
 DANIELS, Ryan Joseph
 FAKEE, Jameel
 FORTEATH, Shaun
 FREER, Patrick David Leacroft
 GARSON, Christie Nicole
 GARUS-OAS, Appoloritha Penlope
 GENNRICH, Jessica Nezar
 GIBBS, Sarah-Anne
 GILLI, Martina
 GREEN, Amy Sarah
 GRUNDLING, Megan
 HADDON, Christine Mikaella
 HAIDULA, Alina Fimaneka
 HEINE, Shannon Jane
 HO, Lance St John
 HODKIN, Claire Lindsay
 HOHLS, Samantha Lee
 HULLEY, Judy-Leigh
 INGLE, Gail Ella

IRVINE, Philippa Margaret
 JACOB, Blessing
 JOLLANDS, Jessica Kathleen
 JOSEPH, Nadine
 KIMUNGU, Latifa Hakim
 KNIGHTS, Michelle Aileen Anne
 KURZEWSKI, Anne Claire
 LEE, Deva
 LEIMAN, Layla Diana
 LLOYD-JONES, Glyn Francis
 Michael
 LOTTER, Jaclyn Oehley
 LUTCHMUN, Thashveen
 LUYT, Catherine Diane
 MAGNUS, Laura
 MATHIASSEN, Caitlin Wedge
 MATIZA, Patrick
 MATTISON, Timothy Paul
 MAWENI, Rutendo Muchapedzei
 MCCONNACHIE, Christopher John
 Charles
 MCCONNACHIE, Kathryn Therese
 MENDES, Adriano
 MIDZI, Linda Zvikomborero
 MOELLER, Katrin Verena
 MORFORD, Cristie Olivia
 MORGAN, Casey Lloyd
 MOSS, Nicholas Andrew
 MTHOKO, Hafeni Tulimewawa
 Wilhelmina Lyatenda
 MUDZAMI, Yvonne Tendai
 MUSUWO, Leonard Shingai
 MWANANDIMAI, Rudo Stefanie
 MWANSA, Mumamba Chitumwa
 NAKAZWE, Kapembwa
 NOWERS, Lynn Colleen

O'GRADY, Cathleen Jeannette
 O'HAGAN, Kyle Leonard
 ORPEN, Judith Kathleen Lisle
 PARKINSON, Matthew Cameron
 PERCY, Luke
 PHILLIPS, Michael Brent
 PICKERING, Joanna Kingwill
 PISTORIUS, Juliana Maryna
 PURDON, Carly
 RICHARDSON, Amy Elizabeth
 ROGERS, Richard Warner
 ROSS, Kerry
 ROTH, Heather Frances
 RUSSOUW, Rosaline Cheryl
 SACHIKONYE, Tsitsi Shamiso
 Anne
 SELKIRK, Catherine Elizabeth
 SENEKAL, Monique L'Oreal
 SIDDLE, Christine Elaine
 SIMLEIT, Carla Leigh
 SMEDLEY, David Alan
 SMIT, Tamryn Dale
 SMITH, Jade

SMITH, Tracey Leigh
 STACK, Lee Christopher
 STAPLES, Jessica Ruth
 STERRENBURG, Jason Neville
 STEYN, Ruth Elizabeth
 STUART-CLARK, Lucy Bena
 TAYLOR, Jessica Mary
 THOMPSON, Aimee
 TOMAN, Michael Peter
 TOMBE, Sekai Lana
 TRISTRAM, Uvedale Roy
 TYAMZASHE, Vusani
 UNSWORTH, Shannon Jade
 VALE, Elizabeth Nosizwe
 VAN RENSBURG, Caitlin Margot
 VAN WYK, John Robert
 WALES, Nora-Lee
 WALSH, Kim
 WILLIAMSON, Frances Catherine
 WOOLLGAR, Clayton Kurt
 ZIMBA, Catherine
 ZIPP, Gisela Lesley

AWARDS OF SCHOLARSHIPS, BURSARIES AND PRIZES

Abe Bailey Travel Scholarship : N Makhubu
Alfred Beit Scholarships : PDL Freer, DI Barrett, CW Mathiassen, RJ Daniels, T Lutchman
Allan Gray Senior Scholarship – Honours : TL Alexander, N Madyini, T Mashabane
Andrew Mellon Foundation Postgraduate Scholarships – Honours : A Bofilatos, CA Boule, SA Chiles, L Chivese, R Dhilwayo, L Gmeiner, LME Hall, E Johnson, SK Kabangu, R Koeberg, D Lee, N Mashele, SSH Mohamed, NL Msimanga, L Mthembu, W Muswera, T Poulos, NS Pswarayi, CL Schultz, C Sibana, A Thompson, FM Tohlang, MT Wambui, LM Watson, CM Wilmoth
Andrew Mellon Foundation Postgraduate Scholarships – Masters : J Alexander, B Armstrong, TA Beckerling, KL Barford, J Barnard, FRM Clüver, JL Collett, AC Conibear, L Crymble, A De Coning, HV De Klerk, TM Dewhurst, N Elliott, AF Gibson, JA Grobbelaar, IZ Gundhla, AE Hobson, NI Hoffmann, SP Howell, J Jacobsohn, HD Jhundoo, HE Johnson, SMJ Jones, LE Koskenkangas, J Majakwara, D Makaza, DSC Malamis, TM Mangwengwende, TWE Marais, CL Marshall, TG Matumba, T Mazorodze, W Mbao, HN Mkhabela, B Moyo, M Mumba, M Munsaka, M Nyathi, T Nxasana, SA Paphitis, AMM Phiri, F Ponjou Tasse, L Sciscio, I Vermeulen, JAV Walters
Andrew Mellon Foundation Postgraduate Scholarships – Doctoral : AF Afolayan, LP Aipinge, EL Allan, L Allan, OOS Arojjo, ATF Bernard, FA Chaibva, WJU Chidawanyika, YK Gandu, KC Idahosa,

B Jari, MA Jimoh, B Magure, M Mutorwa, AG Nindi, D Ocwich, AI Okewole, OO Oladeinde, FJ Otten, C Pade, A Padmanabhanunni,
 BW Price, JR Short, EL Steenkamp, M Tukulula, CRD Van Der Mescht, K Wa Kasongo
Andrew Mellon Foundation Humanities Doctoral Postgraduate Scholarships: LJ Corkin, L Gumboreshumba, LA Kelland, B Magoqwana, K Mapana, MT Mavura, A Moyo, T Murisa, R Pithouse, A Sarimana, M Williams
Atlantic Philanthropies Scholarships: AR Childs, AC Muller, N S Ngcamu, M Oelofsen, T Seobi, BM Zuma
A Trevor Williams Scholarship : No award
Best Chemistry II Prize: MJ Coombes
Betty Shuttleworth Scholarship : CE Hodgson
BDO Spencer Steward Prize : C Laufs
Charles Bryars Scholarship : JM Pistorius, J du Plessis, PM Cartwright, Z Mkwanazi
Conrad Dylan Cambray Scholarship : SL Tombe
David Adolph Bradlow Scholarship for Humanities : EL Lombard
Dean of Students Leadership Award: RJ Barnett, L Crymble, MR Freeman, PM Jakubek, T Mlambo, FH Morbi, MRS Tayub
Desmond Goddard Bursary : To be awarded
Douglas Rivett Bursary: CW Eley
Dr Kendall Scholarships : SA Chiles, B Cowie, EI Du Preez, CW Eley, PM Grogan, LME Hall, MG Horsman, A Kenyon, SSH Mohamed, RM Wilsenach
Dr Maryam Babingida Scholarship : NC Wilson
Dutch Language Union Bursary :
Ernest Oppenheimer Memorial Trust Scholarship for South African History : S Kerseboom, K van Zyl
Ernst & Young Award for the best Information Systems II (Accounting – Professional)
Student: NA Moss
Guy Butler Research Award : To be awarded
Henderson Postgraduate Scholarships – Masters :
 SR Abel, ST Ambrose, JMH Barry, CL Bromley, MP Coates, K Cooke, JD Filmlater, JC Lawson, W Tristram, I Wright
Henderson Postgraduate Scholarships – Doctoral :
 RH Bennett, G Coombs, J-A De la Mare, JOG Kemp, M Vlok, JS Van Dyk
Henry Bradlow Scholarship for Science : AC Conibear
Honours Degree Scholarships: LA Agustoni, MS Ahmed, W Basson, MD Berndt, ML Bidzha, R Biggs, JM Booth, CA Boule, MA Burke, A Candotti, SA Chiles, J Clifford-Holmes, IS Cloete, LA Cloete, NH Colvin, B Cowie, KV Dobrev, C Dorasamy, EI Du Preez, CW Eley, CA Fisher, S Forteath, CN Garson, L Gmeiner, G Goodrick, SE Goss, PM Grogan, AF Haidula, LME Hall, C Harry, CA Hartzenberg, NG Hathorn, CJ Hazle, CS Hazle, SJ Heine, HC Henninger, ZK Hinis, CGB Hittler, CL Hodkin, MG Horsman, AN Hyde, PM Irvine, KS Japp, E Johnson, N Joseph, GIB Kahn, NS Kaulule, A Kenyon, T Khan, GJ Krastin, AC Kurzewski, D Lee, LD Leiman, JO Lotter, J Louw, LM Luyt, KF Mackintosh, CA Mankanjee, M Mann, A Martin, S Matabiswana, TA Mayson, JR McCafferty, KA McKenzie, A Mendes, SSH Mohamed, PJ Mollel, NL Msimanga, TS Murray, SM Mzamo, M Naidoo, NA Nel, S Nomoyi, KL Nottingham, JKL Orpen, D Parker, MC Parkinson, RA Peel, JM Peirce, L Percy, CT Perks, MB Phillips, C Pienaar, T Poulos, HB Pratt, JK Robertson, MC Rose, K Ross, RC Russouw, DM Sandberg, KM Savage, SW Schady, CL Schultz, BR Sebopela, ML Senekal, DA Smedley, A Sobukwe-Whyte, JS Spring, JN Sterrenberg, KF Taylor, NG Tennent, S Thomas, A Thompson, LJ Uplink, DA Van Der

Lingen, AH Van Wezel, NL Wales, R Wartenberg, JP Watermeyer, CM Wilmot, RM Wilsenach

Ian Mackenzie Scholarship for Environmental Studies : To be awarded

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

Jane Osborne Scholarship: J Barnard, S Smit

Joe Levy Scholarship : NJ Young

Leon Gluckman Memorial Scholarship in Drama : To be awarded

Master's Degree Scholarships : SR Abel, KA Adami, CA Alexander, ST Ambrose, ALS Andrews, M Appel, MR Atkinson, VL Baillie, KL Barford, S Bodill, SE Bosworth-Smith, NL Bradshaw, LT Brickhill, RN Brock, LM Broderick, CL Bromley, FRM Clüver, M Coates, IL Cockburn, GR Collett, JL Collett, AC Conibear, KJ Cooke, LC Cooper, RJ Cox, ME Cromhout, LC Crymble, DW Daniel, BJ De Wet, LL Delpont, NJ Du Preez, PL Ehrlich, KT Faulkner, RW Forbes, JJ Foss, PA Fox, TR Foxcroft, KE Furman, SI Ganiwalla, RB Godlonton, NL Gouws, LF Grant, ES Greyling, A Grimmer, KL Herridge, C Jacobs, JL Jacobsohn, HD Jhundoo, HE Johnson, LJ Kaplan, Q Karim, DM Kleynhans, LM Kwatsha, SM Landers, B Lee, EL Lombard, LH Loubser, MJ Marsh, MG Master, W Mbaao, TP McDougall, ES McGregor, HKT McLea, LR McMichael, CF McQuaid, BL Melley, JM Menezies, JJ Millin, HN Mkhabela, M Moodley, FH Morbi, B Moyo, A Muller, PE Murray, A Naik, AT Nottingham, MM Parkin, S Patchay, P Petrov, F Ponjou Tasse, LJ Reid, AV Richardson, T Richter, CL Sahd, ST Scheepers, TE Schier, L Sciscio, SL Shapiro, T Shivji, I Sieborger, GJ Simak, RA Starkey, DP Stevens, CA Stirling, P Stopforth, CK Stylianou, MA Stylianou, GW Sutherland, JWJ Teng, AL Thompson, WB Tristram, BK Turk, A Van Heerden, JS Vandeleur, I Vermeulen, CD Ward, BL Wells, DJ Weyer, PSR Weyl, M Winn, IA Wright, GP Zorn

Muirhead Bursary : JJ Millin

Otto Beit Scholarship : C Harry

Patrick and Margaret Flanagan Scholarship : MJ Marsh

Professor B R Allanson Scholarship :

Raymond Pullen Memorial Scholarships for Arts

- **Drama** : HM Richter
- **Fine Art** : IE Bronner, T-L Nicol, E Sippel
- **Music** : Z Mkwanzazi

Rhodes Foundation Scholarship (Most Outstanding Graduate) :

R Biggs

Rhodes Governor's Scholarship (Most Outstanding Undergraduates in the Humanities, Science, Pharmacy and Commerce Faculties): PDL Freer, MJ Coombes, CW Mathiassen, NC Wilson

Rhodes University Postgraduate Scholarships – Honours :

R Biggs, CW Eley, MG Horsman, KS Japp, MC Parkinson, L Percy, RM Wilsenach

Rhodes University Postgraduate Scholarships – Masters :

LC Cooper, T Goble, PW Greenway, EL Lombard, LJ Reid, TJ Richardson, I Sieborger, GW Sutherland, RE Terlazzo

Rhodes University Postgraduate Scholarships – Doctoral :

BM Grogan, W Wilhelm

Rhodes University Scholarships : PDL Freer, DI Barrett, MJ Coombes, MAA Knights, CW Mathiassen, T Lutchman, KA Bull, NC Wilson, CJ O'Grady, NA Moss

Rob & Trish Midgley Law Prize: S Haken

SASOL Centenary Honours Degree Scholarships in Physical Sciences, Biochemistry, Microbiology or Biotechnology:

A Kenyon, ME Sithole

Sir Basil Schonland Scholarship : A Muller

Thelma Henderson Bursary: T Mushwana

Thomas Alty Scholarship : W Mbaao

William Francis Barker Bursary : No award

A Trevor Williams Prize for

- **Physics I** : PDL Freer
- **Physics II** : MJ Coombes

Accenture

- **Information Systems Honours** : CA Alexander
- **Information Systems II** : ER Stalmans

Adams and Adams Law Prize : CJC McConnachie

Alastair Kerr Prize : IS Cloete

Alexander Ogg Prize for Physics : KR Henninger

Altruism Award for the Unselfish Support of Fellow IS Honours Students:

Aschman Scholarship : KL Robinson

Avlynnne Bowen Award for Pharmacy II : AJ Calder

B A Putterill Prize : No Award

Bancroft Medal for the Outstanding MSc in the Field of Mineral Exploration (Sponsored by Anglo-American) : No Award

Basil Schonland Physics Prize : IA Wright

Beth Cumming Memorial Prize : BC Fitzpatrick

Bill Branford Prize for Linguistics : RC Russouw

Brian Peckham Memorial Prize : EH Holland

Bronze Medal of the South African Association for the Advancement of Science (S₂A₃) :

JOG Kemp

BSG Best Information Systems Honours Research Project : CA Alexander, RB Godlonton, GG Nyamayi, TM Surridge, M Tlou

Ocean Tech Team:

BSG Special Award for the Best IS Honours All Round Performance in Academic and Non-Academic Spheres: RB Godlonton

Butterworth Book Prizes for Law :

- **Penultimate Year**: CJC McConnachie
- **Final Year**: PJM Abrahams

Butterworth Management Accounting III Prize : C Dorasamy

Catherine Foxcroft and Gary Terry Prize : AJ Duncan

Centre of Excellence Prize for the best Computer Science Research Student : KR Glass, MP Thinyane

D C S Oosthuizen Memorial Prize for Philosophy : SA Paphitis

David Williams Memorial Prize for Mathematics III : R Biggs

Deloitte & Touche Prizes for Postgraduate Diploma in Taxation :

- **Best Research Essay** : No Award
- **Most Innovative Choice of Topic or Research Design** : I Seedat

Dr Adolph Schrauder Memorial Prize in Sociology : MB Phillips

Dr Kurt Gillis Prize for Psychology Masters : AS van der Merwe

Dr Valentine Cuenod Memorial Prize for French III : ODPM Lemerrier

Duerden Scholarship : I Vermeulen

Duncan/Whiteley Biochemistry Prize : LC Cooper

E D Mountain Prize : AF Haidula, C Pienaar

Ernest Wild Prizes

- **Psychology II** : L-A Bruce

- Psychology III : MG Horsman
- Ewer Prize in Zoology and Entomology : ST Ambrose
- F P Muirhead and M B Rosenberg Memorial Prize for Microbiology III : A Mendes
- Frank Rostron Bursary: AA Campher
- Fred Cooper Prize for Company Law : CJC McConnachie
- Gavin Stewart and John Pattern Prize : L Dada
- George M Gruber Physics IE1/IE2 Prize : K Mafundikwa
- Gladys Blackbeard Scholarship : J-L Hulley
- Grahamstown Training College Bursaries
- English : L-J Verhamme, LJ Wills
- Music : YR Matibe
- Grant and Marjorie McKerron Scholarship (Law) : CJC McConnachie
- Heather Drummond Memorial Prize for Poetry : DA Tyfield
- Helmut Weigert Memorial Prize for Mathematics I : DI Barrett
- IBM Best Information Systems Honours Research Project: C Jacobs
- IDI Technology Solutions Prizes
- Computer Science Honours : JJ Millin
- Computer Science I : PDL Freer
- Investec Top MBA Student Award :
- Investec Best MBA Dissertation Award :
- Investec MBA Good Fellowship Award :
- J C van Hille Award in Zoology and Entomology : CA Coombes
- Janinne Franke Prizes
- Best Computer Science Honours Project : F Ponjou Tassé
- Computer Science II : MAA Knights
- Jardine Prize : CW Mathiassen
- Joe King Prize : MS Ahmed
- John and Audrey Foxcroft Beethoven Prize : J du Plessis
- John O'Meara Prize for Organisational Psychology III : HF Roth
- Johnson and Johnson Award for Chemistry I : K Mafundikwa, RJ Daniels
- Jonathan Marks Prize : AL Thompson
- JVL Rennie Prize : FH Morbi
- Judge Schock Prize : EH Holland
- Junior Captain Scott Medal :
- Juta Prizes
- Law Prize : EH Holland
- Management Prizes
 - Bachelor of Business Science IV: No Award
 - Management Honours : MR Atkinson, T Shivji
 - Management III : AC Kurzewski
 - Postgraduate Diploma in Enterprise Management : CS Page
- Kevin Carlean Memorial Scholarship (Journalism) : KT McConnachie
- Kieron George Chambers Memorial Bursary : TC Munedzimwe
- Konrad Kulesza Award: No award
- KPMG Award for Accounting Honours : LH Loubser
- KPMG/Len Verster Accounting II Prize : NA Moss
- Lannon Best Information Systems Honours Research Essay Award:
- Leslie Kent Award for Geology : S Bax
- Lillian Britten Prize for Botany : SE Goss
- Louis Dubb Prize : NG Tennent

Margaret Smith Bursary in Ichthyology and Fisheries Science : No award

Matthew Jones Memorial Shield : JM Booth

Mattie Shuttleworth Speech Prize : CA Fisher

Mavis Hill Prize for Music : No Award

Mel Field Award for the Best IS Tutor:

Merck Prizes

- Biotechnology Honours: HE Johnson
- Chemistry III : CW Eley
- Microbiology Honours : B Moyo

Michael Kapelus Memorial Prize for Pharmacy : K-L Barford

Milner Memorial Essay Prize : No Award

Best Biochemistry II Prize : CE Siddle

Neville (Robbie) Robertson Scholarship: YM Chilimanzi

Nederlandse Taalunie Bursary: T Bakkes, LL Coetzee, C Coetzee, E Ferreira, SR Meintjes, R Prince, A Tarr

Norman Harris Prize : E Carter

Oxford University Press Prize for English Literature : EL Lombard

Patrick Mynhardt Prize : TV Jacobs, AN Lech

Pearce Rood Prizes (Law)

- Legal Theory I – RS Mwanandimai
- Legal Theory II – CM van Rensburg
- Legal Theory III – NG Tennent
- LLB 3 – CJC McConnachie

Pricewaterhouse Coopers Prizes

- PDipAcc or BAcc IV – A Naik
- BCom or BAcc III – C Dorasamy

Professional Provident Society Prizes

- Honours Research Essay –
- Top Honours Student –

Purvis Prize : LF Grant

Rapportryers Bursary: T Welman

R G McKerron Prize for Law of Delict : ST Harding

R L Threlfell Memorial Prize : SSH Mohamed

Rhodes University Chamber Choir Music Award : No Award

Rob Antonissen Memorial Award : JM Pistorius

Robert B Lloyd Bursary : PM Cartwright

Rodney Davenport History Scholarship : JK Clifford-Holmes

Rowney Prize : E Sippel

Royal Society of St George Prize : CA Boule

Rupert Onderwysstigting Prize for Music : No Award

S A Breweries Prize for Biochemistry III : A Kenyon

SAP Africa Prizes

- Computer Science III : B Cowie
- Best Progress in Computer Science : B Lusithi

Sasol Prize for Biochemistry : A Kenyon

Schwarz Memorial Prize for Geology : JM Gaisford

Shirley Ritchie Prize: MA Groenink

Sigma Aldrich Award for Chemistry Honours : AC Conibear

Sole Memorial Prize for History Masters : RG Marshall

Spilkin Prize for Law : IS Cloete

Spoor and Fisher Prize for Intellectual Property Law : ST Harding
Steyn Maartens Memorial Prize for Afrikaans : A du Plessis
Sydney Cruise Memorial Prize for Mathematics II : MJ Coombes
South African Institute of Chartered Accountants: Southern Region Prizes :
 - **Advanced Accounting :** A Naik
 - **Advanced Auditing :** A Naik
 - **Taxation :** A Naik
 - **Advanced Management Accounting :** A Naik
South African Academy of Pharmaceutical Sciences Medal for Academic Excellence
 - **Pharmacy Year I:** K Mafundikwa
 - **Pharmacy Year II:** AJ Calder
 - **Pharmacy Year III:** L Magnus
 - **Pharmacy Year IV:** HD Jhundoo
Terence Beard Prize for Politics: IS Cloete
UPB Prizes
 - **Linguistics I :** RE Steyn
 - **H R Management :** To be awarded
Best Information Systems III Student : SSH Mohamed
Viv de Klerk Prize for Linguistics II : GL Zipp
VS Forbes Prize : SE Goss, SA Chiles
VWSA Management Scholarship : CM Wilmot
WD Terry Memorial Prize : NC Wilson
William Barker Memorial Prize :
Winifred Maxwell Prizes
 - **History I :** DC Knowles
 - **Most Progress in History I :** AE O'Donoghue

THE PURPLE AND THE WHITE

Surgit' O Rhodienses gloriae memores
 Voce magna cantate famam laudantes.
 Vestrum reboent, splendorem montes
 Palmam 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
 Purpurae 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 who 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!