

SCIENCE



RHODES UNIVERSITY

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# 2005

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## GRADUATION CEREMONY

1820 SETTLERS NATIONAL MONUMENT

FRIDAY 1 APRIL 2005 AT 18:00

CHANCELLOR

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

VICE-CHANCELLOR

D.R. Woods, B.Sc.(Hons), D.Phil., F.R.S.S.Af., F.A.S.S.Af., D.C.L. (Honoris causa)

PRO-VICE-CHANCELLOR

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

CHAIRMAN OF COUNCIL

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

PRESIDENT OF CONVOCATION

The Rev T.S.N. Gqubule, Ph.D., D.D. (Honoris causa)

DEANS

Professor L.N. Strelitz, B.A. (Hons), M.A., Ph.D.

Professor P.D. Terry, M.Sc., Ph.D., F.I.C.S., M.A.C.M.

Professor J.R. Midgley, B.Com, LL.B., Ph.D.

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.(SA).

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

Dr M.A. Motara, B.Sc.(Hons), M.Sc., Ph.D.

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

Acting 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

Acting Dean of the Faculty of Pharmacy

Dean of Research

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 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 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 Clifford Moran will address the Congregation.

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

The Vice-Chancellor will present:  
Christiaan Edward Johannes Botha for the award of the Vice-  
Chancellor's Senior Distinguished Teaching Medal.

The Public Orator, Professor Paul S Walters, will present:  
Vincent Clifford Moran for the Degree of Doctor of Science.  
*Honoris Causa*

The Chancellor will dissolve the Congregation.

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

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

## FACULTY OF SCIENCE

### DEGREE OF BACHELOR OF SCIENCE

ABDO, Richard Nicholas  
 ALLAN, Elizabeth Louise,  
     **with distinctions in**  
     Microbiology **and** Zoology  
 ASHWORTH, Tracy Leigh,  
     **with distinction in**  
     Economics  
 BEHENNA, Michelle  
 BEUKES, Natasha  
 BOALER, David Michael  
 BOOTH, Tara Loran  
 BRILL, Gregg Clifford  
 BRIMS, Bradley Grant Dallas  
 BRITS, Michelle Claire  
 BROOKES, Virginia Lorna,  
     **with distinction in**  
     Psychology  
 BROWN, Ian Wentworth  
 BRUNE, Claire, **with**  
     **distinctions in** Human  
     Kinetics & Ergonomics **and**  
     Psychology  
 CAHILL, Jeremy William  
 CARR, Donald Paul, **with**  
     **distinction in** Computer  
     Science  
 CATTO, Anthony Mark  
 CHALMERS, Nigel Bruce  
 CHAUKE, Vongani Portia  
 CHETTY, Verushka  
 CHIDAWANYIKA, Wadzanai  
     Janet Upenyu, **with**  
     **distinction in** Chemistry

CLAYTON, Sarah Francis  
 COLLETT, Paul David  
 CONNELLAN, Brian Andrew  
 COPLEY, Charles Judd, **with**  
     **distinctions in** Chemistry  
     **and** Physics  
 CRAIG, Andrew Philip Knott,  
     **with distinctions in** Applied  
     Mathematics **and** Chemistry  
 CRONWRIGHT, Andrew  
     David  
 CUTTING, Andrea Nicole  
 DADA, Abdullah  
 DONOVAN, Bruce  
 DOOLAN, Mark Francis Ivan  
 DOWNSBOROUGH, Linda,  
     **with distinction in**  
     Geography  
 DREDGE, Roselyn Ann  
 ELLIOTT, Andrew Brent  
 ELLIS, Stephanie Tamerin  
 FARQUHARSON, Courtenay  
     Cian Gordon  
 FELGATE, Christopher James  
 FIELD, Bryan Patrick  
 GAIT-SMITH, Kellie May  
 GENDALL, Kierryn Leigh  
 GREEN, Alistair John  
 GROOM, Jonathan Derek  
 HASLUCK, Timothy John  
     Penry  
 HESS, Justin Edward, **with**  
     **distinctions in** Computer

Science **and** Mathematical  
 Statistics  
 HIGGS, Jonathan Patrick  
 HORNE, Michael Brian, **with**  
     **distinction in** Computer  
     Science  
 HUTCHINGS, Jessica, **with**  
     **distinctions in** Human  
     Kinetics & Ergonomics **and**  
     Psychology  
 KHALEMA, Thandiwe  
     Deborah Lerato  
 KHENE, Mielie Samson, **with**  
     **distinction in** Chemistry  
 KING, Gregory Peter  
 KING, Oliver Gray, **with**  
     **distinctions in** Applied  
     Mathematics **and** Physics  
 KIRBY, David Ronald  
 LANGERMAN, David Blair  
 LAW, Matthew  
 LETLAKA, Thabo  
 LINKERMANN, Sean Aaron  
 LOUW, Cassandra  
     Alexandrovna  
 LUITINGH, Taryn Leigh  
 MACKIE, Richard Philip  
     Percival  
 MAKHANDA, Nomaxabiso  
 MAKHUBELA, Thomas  
 MANGA, Zolisile  
 MARQUIS, Melissa Marjorie  
 MARSH, Matthew Christopher,  
     **with distinctions in**  
     Computer Science **and**  
     Physics  
 MAZIYA, Luzinti Sunday

MILLWARD, Tanya Yvonne,  
     **with distinctions in** Botany  
     **and** Chemistry  
 MITCHELL, Sandra Dee  
 MOORE, Bronwyn Ann  
 MUERRLE, Thomas Martin,  
     **with distinctions in**  
     Entomology **and**  
     Microbiology  
 MUKASA-MUGERWA,  
     Thomas Tendo  
 NADALET, Ivan Ugo  
     Frederick  
 NDEBELE, Nothabo Elizabeth  
 NDERU, Michelle Wambui  
 NURSE, Sarah Niven  
 OLDS, Cassandra Leah, **with**  
     **distinction in** Microbiology  
 ORR, Kyla Kathleen, **with**  
     **distinctions in** Chemistry  
     **and** Ichthyology  
 OWENS, Hayley Kirsten  
 PARRISH, Cary-Anne  
 PATERSON, Iain Douglas  
 PATTRICK, Paula  
 PILLAY, Jeseelan, **with**  
     **distinction in** Chemistry  
 PRICE, Benjamin Wills, **with**  
     **distinctions in** Entomology  
     **and** Zoology  
 RAGUBEER, Nasheen  
 RAINER, Ryan Nicholas  
     Charles  
 REDPATH, Stuart Frederick,  
     **with distinction in**  
     Mathematics  
 REYNOLDS, Sebastian Lance

RICHTER, John Peter Frank,  
     **with distinction in**  
     Computer Science  
 RIDDIN, Tamsyn Louise, **with**  
     **distinction in Biochemistry**  
 ROBBESON, Jonathan  
 ROBERTS, Graeme Francis  
 ROBERTSON, Stephen Alan,  
     **with distinctions in**  
     Computer Science **and**  
     Physics  
 ROSE, Nathan Rolf, **with**  
     **distinctions in Chemistry**  
     **and Geology**  
 ROSIN, Kurt Faure  
 SCHEEPERS, Rory Dennis  
 SCHLANGE, Megan, **with**  
     **distinctions in Biochemistry**  
     **and Microbiology**  
 SHORT, James Roswell, **with**  
     **distinction in Microbiology**  
 SMITH, Lindsey Marion  
 SPRACKLEN, Ashley Lindsay  
 STEYN, Jo-Anne, **with**  
     **distinctions in Biochemistry**  
     **and Microbiology**

#### DEGREE OF BACHELOR OF SCIENCE (INFORMATION SYSTEMS)

ARAIA, Yonas Habtom  
 ASMAL, Shehnaaz  
 BARR, Nicholas Graeme  
 CHIGUMBA, Diana Tsitsi  
 CONTARDO, Giovanni  
 DEBESAI, Zerimariam Measho

STONIER, Terence Anthony  
 THOMAS, Lorrinda Lesley  
 TRAUTMAN, Kelvin Brett  
 VAHED, Alia  
 VAN DYK, Jacoba Susanna,  
     **with distinctions in**  
     Chemistry **and** Microbiology  
 VAN RIEL, Jean-Pierre  
 VAN SCHALKWYK,  
     Hendrina Francis  
 VERMAAK, Marijke, **with**  
     **distinction in Economics**  
 WEIDEMAN, Craig Ivan  
 WELLS, Samuel John  
 WHITEHEAD, Alexander  
     Michael, **with distinction in**  
     Ichthyology  
 WILLIAMS, Adrian Frank  
 XABA, Msawenkosi Johannes  
 YEARSLEY, Rowan David,  
     **with distinction in**  
     Ichthyology  
 YOGESWARAN, Janani  
     Ayshwaryah, **with**  
     **distinction in Microbiology**  
 ZONDAGH, Justin Russel

DUFF, Kevin Craig, **with**  
     **distinction in Computer**  
     Science  
 DUKE, Nicholas Craig, **with**  
     **distinctions in Computer**  
     Science **and** Information  
     Systems

ELLIS, Michael Christopher  
 GASA, Ashly  
 GOJELA, Nkululeko  
 LIU, Haidi  
 MARLBOROUGH, Brendan  
     Ronald  
 MONK, Josh Stephen  
 MOORE, Daniel Michael  
 MOYO, Thamsanqa, **with**  
     **distinction in Information**  
     Systems  
 NHIRA, Tafadzwa

PALMER, Stein Adesime Kim  
 PILLAY, Nishan Sathiya, **with**  
     **distinction in Information**  
     Systems  
 ROBERTS, Ian Michael  
 SANA, Anish  
 SHAW, Carey Thomas  
 SIGIDI, Ndivhuho Vhatsila,  
     **with distinction in**  
     Information Systems  
 TSENENE, Siyabulela  
 ZINORO, Tafadzwa Matambo

#### DEGREE OF BACHELOR OF SCIENCE WITH HONOURS

AALBERS, Lesley, in Spatial Development  
 AJITH, Anushka, in Microbiology  
 AKEN, Warren Randal, in Ichthyology and Fisheries Science  
 BARKER, Andrea Lyn, **with distinction in** Information Systems  
 BENNETT, Rhett Hamilton, **with distinction in** Ichthyology and  
     Fisheries Science  
 BHURA, Nirosha, in Information Systems  
 BLAKE, Justin David, in Marine Biology  
 BOARDMAN, Kevin Michael, in Computer Science/Information  
     Systems  
 BOTHA, Melissa, **with distinction in** Biochemistry  
 BRADNUM, Kristy Eileen, **with distinction in** Computer Science  
 BROWN, Luke Victor, in African Vertebrate Biodiversity  
 BURDOCK, Neil Patrick, in Computer Science/Information Systems  
 CALLAGHAN, Alison Joan Claire, **with distinction in** Information  
     Systems  
 CARR, Candace Leigh, in Biochemistry  
 CLAYTON, Bradley James, **with distinction in** Computer Science  
 CRIPWELL, Adam Michael, in Human Kinetics and Ergonomics  
 CUMMING, Seth Neil, **with distinction in** Economics/Philosophy  
 DA SILVA, Charlene, in Ichthyology and Fisheries Science  
 DAVEY, Dayne Tamarin, in African Vertebrate Biodiversity

DAVIS, Emily, **with distinction in** Information Systems/Computer Science  
 DE WET, Leigh-Ann Robynne, **with distinction in** Botany  
 FINNEMORE, Peter Brian, in Physics and Electronics  
 FOGEL, Ronen, **with distinction in** Biotechnology  
 FOX, Brian Hooton, in Computer Science  
 FREEMAN, Jonathan Erskine, **with distinction in** Environmental Water Management  
 GAMA, Nkosinathi Sibusiso, in Mathematical Statistics  
 GERBER, Russell Michael, in Marine Biology  
 HARDMAN, Luke, in Computer Science  
 HAYLER, Gavin Basil, in Computer Science  
 HEIDEMAN, Paul Nicholas, **with distinction in** Computer Science  
 HENNING, Carmen Hanlie, in Chemistry  
 HERBERT, Sarah Louise, in Geology  
 HOBBS, David Arthur, **with distinction in** Information Systems  
 HOOD, Matthew Charles, in Computer Science  
 HOOSSEIN, Shafick, in Environmental Science  
 HORAN, Sean Denis, in Geology  
 JANSE VAN RENSBURG, Hendrina Johanna, in Computer Science  
 JANSEN-VAN VUUREN, Ross David, **with distinction in** Chemistry  
 JONES, Ashleigh Evelyn, in Mathematical Statistics  
 KAVANAGH, Kathryn Patricia, **with distinction in** Geology  
 KING, Adam Scott, **with distinction in** Computer Science  
 KING, Kenneth Glanville, in Geology  
 KING, Stephen Michael, in Mathematical Statistics  
 KNIGHTS, Samantha May, **with distinction in** Computer Science  
 LEE, Warrick Edwin, in Environmental Science  
 LEGGITT, Cordelia Ann, in Ichthyology and Fisheries Science  
 LEIGH, Jonathan, in Computer Science  
 LUDFORD, Adam, in Marine Biology  
 MABIN, Marshall James Thomas, in Environmental Science  
 MACNAB, Michele Jane, in English/Computer Science  
 MAGQI, Nceba, in Chemistry  
 MANNERS, Louise Natalie, in Biotechnology

MARKOVINA, Michael Zeljan, **with distinction in** Ichthyology and Fisheries Science  
 MARTIN, Tarryn Barbara Lee, in African Vertebrate Biodiversity  
 MASHAZI, Philani Nkosinathi, in Chemistry  
 MAVIMBELA, Sbongile Winnie, in Environmental Science  
 MAYENDE, Lungisa, in Biotechnology  
 MCGARRY, Dylan Kenneth, in Environmental Science  
 MIDGLEY, John Mark, **with distinction in** Entomology  
 MUNGUNDA, Augustinus Johannes, in Geology  
 MUPUPA, Helvi Megameno, in Ichthyology and Fisheries Science  
 MURPHY, Ryan Gareth, in Electronics  
 MURRAY, Lindsay Susan, **with distinction in** Microbiology  
 NAMHINDO, Ndahafifwa, in Geology  
 NDENGEJEHO, Henry Michael, in Environmental Science  
 NELSON, Leigh Michael, **with distinction in** Mathematics/Mathematical Statistics  
 NEWMARCH, Damian Arthur, in African Vertebrate Biodiversity  
 NHONGO, Tawuya Dzinopana Rodgers, in Computer Science/Mathematical Statistics  
 OCKER, Conrad Patrick Naylor, in Geology  
 OPIE, Jake Weyman, in Computer Science  
 PALMER, Ryan Michael, in Ichthyology and Fisheries Science  
 PARSONS, Arun Elliot, in Geology  
 PEREIRA, Taryn Leigh, **with distinction in** Environmental Science  
 PRETORIUS, Lara Elizabeth, **with distinction in** Geography  
 RAATH, Jakob Raphael, in Botany  
 RANDLEFF-RASMUSSEN, Kim Sarah, in Computer Science  
 RATALE, Bonolo Maseteba, in Microbiology  
 RICHARDS, Cameron Spencer, in Entomology  
 RICHARDSON, Keren Leslie, **with distinction in** Information Systems  
 RICHARDSON, Naomi Kay, in Ichthyology and Fisheries Science  
 RIDGWAY, Danielle, in Biochemistry  
 RISPEL, Cindy, in Geology  
 ROWLAND, Kate Westcar, **with distinction in** Mathematical Statistics  
 SAUNDERS, James Woodward, in Environmental Science

SCHEEPERS, Brent Ashley, **with distinction in** Chemistry  
 SLATTER, Mark David, in African Vertebrate Biodiversity  
 SMITH, Robin Martyn Richard, **with distinction in** Computer Science  
 STEELE, Melita Zoe, in Environmental Science  
 STRUGNELL, Luke Bernard, in African Vertebrate Biodiversity  
 SWARBROOK, Stephanie Elizabeth, in African Vertebrate Biodiversity  
 TLHOAELE, Mamotheo Nthabiseng, in Environmental Science  
 VAN ROOYEN, Petrus Hendrik, **with distinction in** Ichthyology and Fisheries Science  
 VON DER MEDEN, Charles Eric Otto, **with distinction in** Environmental Science  
 WATTS, Mark Alfred, in Geology  
 WEST, Catherine Anne, **with distinction in** Biotechnology  
 WHITFIELD, Mark Ryan, **with distinction in** Computer Science  
 WOLFE, Amy Margaret, in Human Kinetics and Ergonomics  
 WYNNE, Sarah Louise, in Marine Biology  
 YOUTHED, Andrew David, in Electronics

#### DEGREE OF MASTER OF SCIENCE

AKHURST, Timothy John, B.Sc. (Hons) (Rhodes), in Bioinformatics and Computational Molecular Biology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

BINOIR, Jessica, B.Sc. (Hons) (Pretoria), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

BISSETT, Charlene, B.Sc. (Hons) (Rhodes), **with distinction in** Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The feeding ecology, habitat selection and hunting behaviour of re-introduced cheetah on Kwandwe Private Game Reserve, Eastern Cape Province.

BONNEVIE, Bo Tørris, B.Sc. (Hons) (Rhodes), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The biology of suburban Olive Thrushes (*Turdus olivaceus olivaceus*) in the Eastern Cape, South Africa.

CLOETE, Elizabeth Carinus, B.Sc. (Hons) (Rhodes), in Botany, in the Department of Botany. Degree by thesis. Thesis: A floristic study of a portion of the Pondoland Centre of Endemism, Port St Johns, South Africa.

CRONWRIGHT, Michael Stuart, B.Sc. (Hons) (Natal), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

ESTERHUIZEN, Johannes Albertus, B.Sc. (Hons) (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Towards the development of a protocol for rearing juvenile rock lobster, *Jasus lalandii*.

FOX, Helen Elizabeth, B.Sc. (Hons) (Rhodes), **with distinction in** Environmental Science, in the Department of Environmental Science. Degree by thesis. Thesis: The role of anthropogenic disturbance in the creation of a socio-ecological landscape.

FRASER, Claire, B.Sc. (Hons) (Rhodes), in Botany, in the Department of Botany. Degree by thesis. Thesis: Coastal dune dynamics and management at the Bushman's River Mouth, Kenton-on-Sea.

GANESAN, Hamilton, B.Med.Sc. (Hons) (Natal), in Bioinformatics and Computational Molecular Biology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

HESHULA, Unathi-Nkosi Lelethu Peter, B.Sc. (Hons) (Fort Hare), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Establishment and impact of the sap-sucking mirid

*Falconia intermedia* (Distant) (Hemiptera: Miridae) on *Lantana camara* (Verbenaceae) varieties in the Eastern Cape Province, South Africa.

HOWIS, Seranne, B.Sc. (Hons) (Rhodes), in Botany, in the Department of Botany. Degree by thesis. Thesis: Phylogeography and comparative ecophysiology of *Chrysanthemoides* Turn. ex Medik. (Tribe Calenduleae).

HSIEH, Ming Chih, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Service provisioning in two open-source SIP implementations, CINEMA and VOCAL.

JACOBS, Ashley, B.Sc. (Transkei), B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Investigating Call Control using MGCP in conjunction with SIP and H.323.

JACOBS, Linda Caroline, B.Sc. (Hons) (Rhodes), in Physics, in the Department of Physics and Electronics. Degree by thesis. Thesis: An investigation into improved ionospheric F1 layer predictions over Grahamstown, South Africa.

JAMES, Genevieve, B.Sc. (Hons) (Rhodes), **with distinction in** Ergonomics, in the Department of Human Kinetics and Ergonomics. Degree by thesis. Thesis: The effect of personalised adjustments to computer workstations on the efficiency and physical comfort of computer operators.

KEULDER, Felicia Juanita, M.Sc. (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Puerulus and early juvenile recruitment of the rock lobster, *Jasus lalandii* in relation to the environment at Lüderitz Bay, Namibia.

MACK, Cherie-Lynn, B.Sc. (Hons) (Rhodes), **with distinction in** Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Screening of technologies for the recovery of rhodium(III) metal ions from a precious metal refinery wastewater.

MACKENZIE, Bernard Louis, B.Sc. (Hons) (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: An assessment of the shore bait fisheries in the Eastern Cape.

MACLEAR, Athlee Sargent, P.D.E.M., B.Sc. (Hons) (Rhodes), in Bioinformatics and Computational Molecular Biology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

MAKENGE, Mwita, B.Sc. (Hons) (Dar Es Salaam), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

MAQANDA, Weziwe Theorine, B.Sc. (Hons) (Vista), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Synthesis, photochemical and photophysical properties of Phthalocyanine derivatives.

MAVUMENGWANA, Vuyo Bhongoletu, B.Sc. (Hons) (MEDUNSA), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Isolation, purification and characterization of inulin and fructooligosaccharides from *Chicorium intybus* and inulinase from *Aspergillus niger*.

MESHER, Colette Suzanne, B.Sc. (Hons) (Guelph, Canada), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Population structure, physiology and feeding ecology of the mysid *Mesopodopsis wooldridgei* (Whitman) in a large permanently open estuary.

MKUZANGWE, Nenekazi Nokuthala Penelope, B.Sc. (Hons) (Rhodes), **with distinction in** Mathematical Statistics, in the Department of Statistics. Degree by coursework and research project.

MTHOMBENI, Jabulani Stanford, B.Sc. (Hons) (National University of Science and Technology), in Bioinformatics and Computational Molecular Biology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

MWELWA, Elenestina Mwape, B.A. (Zambia), P.G.Dip. Water Resources Surveys (ITC), **with distinction in** Hydrology, in the Institute for Water Research. Degree by thesis. Thesis: The application of the monthly time step Pitman rainfall-runoff model to the Kafue River basin of Zambia.

MWELWA, Elijah, B.Mineral.Sc. (Zambia), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

NAIDOO, Trivindren, B.Sc. (Hon) (Natal), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

NDAKUNDA, Tulimevava Kaunapawa, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: Extensibility in ORDBMS databases: an exploration of the data cartridge mechanism in Oracle9i.

NDLOVU, Isaac Michael, B.Sc. (Hons) (Zululand), in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

NDZIPIA, Nokwayintombi Victoria, B.Sc. (Hons) (Fort Hare), in Environmental Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

NGWENYA, Nonhlanhla, B.Sc. (Hons) (Pretoria), in Biochemistry, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Enzymatic recovery of rhodium (III) from aqueous solution and industrial effluent using sulfate reducing bacteria: role of a hydrogenase enzyme.

NEWTON, Mark Brian, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: A remote interactive music keyboard tuition system.

OGUNSIPE, Bisola Oluyemi, B.Sc. (Hons) (Lagos), in Mathematical Statistics, in the Department of Statistics. Degree by coursework.

PATRICK, Deborah Michelle, B.Sc. (Hons) (Rhodes), in Computer Science, in the Department of Computer Science. Degree by thesis. Thesis: An investigation of hair modelling and rendering techniques with emphasis on African hairstyles.

PRASAD VIJAYAN, Pooja Rajendra, B.Sc. (Hons) (Wits), in Bioinformatics and Computational Molecular Biology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by coursework and research projects.

RAPSON, Jackie Anne, B.Sc. (Hons) (Rhodes), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The feeding ecology and habitat use of lions reintroduced to small, enclosed reserves in the Eastern Cape Province, South Africa.

RAPSON, Trevor Douglas, B.Sc. (Hons) (Rhodes), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Bioactive 4-methoxypyrrrolic natural products from two South African marine invertebrates.

RIUS VILADOMIU, Marc, Licenciado en Biologia (Barcelona), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The effects of the invasive mussel *Mytilus galloprovincialis* and human exploitation on the indigenous mussel

*Perna perna* on the south coast of South Africa.

RUZIVE, Benjamin, B.Sc. (Hons) (Zimbabwe), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

SIMELANE, Benjamin Senza, B.Sc. (Hons) (Plymouth), in Exploration Geology, in the Department of Geology. Degree by coursework and dissertation.

SLAUGHTER, Andrew Robert, B.Sc. (Hons) (Rhodes), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The refinement of protective salinity guidelines for South African freshwater resources.

TWEDDLE, Gavin Paul, B.Sc. (Hons) (Rhodes), in Marine Biology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Population dynamics of ichthyofauna in the temperate, temporarily open/closed Kasouga Estuary, South Africa.

WALTER, Cheryl Tracy, B.Sc. (Hons) (Rhodes), in Microbiology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Development of experimental systems for studying the biology of *Nudaurelia capensis*  $\beta$  virus.

WELLS, Charles Digby, B.Sc. (Rhodes), B.Sc. (Hons) (Potch), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Tertiary treatment in integrated algal ponding systems.

#### DEGREE OF DOCTOR OF PHILOSOPHY

BROUWER, Stephen Leonard, M.Sc. (Rhodes), in Ichthyology, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Biology, population dynamics and management of carpenter (*Argyrozona argyrozona*), an endemic South African reef fish. Supervisors: Dr MH Griffiths and Professor WHH Sauer.

CHIMATIRO, Sloans Kalumba, M.Sc. (Malawi), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Thesis: The biophysical dynamics of the Lower Shire River Floodplain Fisheries in Malawi. Supervisor: Professor T Hecht.

FRASER, Sheena Janet, B.Sc. (Hons) (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Intraspecific comparison of *Phanerochaete chrysosporium* strains: peroxidase production, pollutant degradation and mycelial differentiation. Supervisor: Dr WD Leukes.

HU, Fuliang, M.Sc. (Zhejiang Agricultural University), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: An investigation into the pharmacological properties of propolis. Supervisor: Professor HR Hepburn. Co-supervisors: Professor SE Radloff and Professor S Daya.

JORDAAN, Justin, B.Sc. (Hons) (Rhodes), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Isolation and characterization of a novel thermostable and catalytically efficient laccase from *Peniophora* sp. strain UD4. Supervisors: Dr B Pletschke and Dr WD Leukes.

MATCHER, Gwynneth Felicity, B.Sc. (Hons) (Rhodes), in Microbiology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: Characterization of the hydantoin-hydrolysing system of *Pseudomonas putida* RU-KM3<sub>s</sub>. Supervisor: Professor RA Dorrington.

MEDINA, Gerardo Juan, M.Sc. (National University of Mexico), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Ligand isotope vibrational spectroscopic and DFT studies of Pt(II) and Cu(I) complexes. Supervisor: Dr GM Watkins.

OGUNSIPE, Abimbola Olukayode, M.Sc. (Lagos), in Chemistry, in the Department of Chemistry. Degree by thesis. Thesis: Photophysical

and photochemical properties of non-transition metal phthalocyanines. Supervisor: Professor T Nyokong.

PLÖN, Stephanie Elfriede Erika, B.Sc. (Hons) (Wales), in Zoology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: The status and natural history of pygmy (*Kogia breviceps*) and dwarf (*K. sima*) sperm whales off Southern Africa. Supervisor: Professor RTF Bernard.

POLTEAU, Stéphane, M.Sc. (Rhodes), in Geology, in the Department of Geology. Degree by thesis. Thesis: The Early Proterozoic Makganyene Glacial Event in South Africa: its implication in sequence stratigraphy interpretations, paleoenvironmental conditions and iron and manganese ore deposition. Supervisor: Professor JM Moore.

ROMAN, Henry James, M.Sc. (UPE), in Biotechnology, in the Department of Biochemistry, Microbiology and Biotechnology. Degree by thesis. Thesis: The degradation of lignocellulose in a biologically-generated sulphidic environment. Supervisor: Professor PD Rose. Co-supervisor: Dr B Pletschke.

SIMON, Carol Anne, M.Sc. (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The life history patterns of the polychaete, *Terebrasabella heterouncinata*, a pest of cultured abalone. Supervisors: Professor PJ Britz and Dr H Kaiser.

SONNENBERG, Bernd Jürgen, M.Sc. (Rhodes), in Botany, in the Department of Botany. Degree by thesis. Thesis: The anatomy and distribution of the *Cyperaceae* in the Eastern Cape region of South Africa. Supervisor: Professor CEJ Botha.

TIPLADY, Adrian John, B.Sc. (Hons) (Rhodes), in Physics, in the Department of Physics and Electronics. Degree by thesis. Thesis: Modelling and measurement of torqued precession in radio pulsars. Supervisor: Professor JL Jonas.

VALIMBA, Patrick, M.Sc. (Dar Es Salaam), in Hydrology, in the Institute for Water Research. Degree by thesis. Thesis: Rainfall variability in Southern Africa, its influences on streamflow variations and its relationships to climatic variations. Supervisor: Professor DA Hughes.

VINE, Niall Gordon, M.Sc. (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: Towards the development of a protocol for the selection of probiotics for marine fish larviculture. Supervisor: Dr H Kaiser. Co-supervisor: Dr WD Leukes.

WALMSLEY, Sarah Ann, B.Sc. (Hons) (Bangor), M.Sc. (Rhodes), in Fisheries Science, in the Department of Ichthyology and Fisheries Science. Degree by thesis. Thesis: The assessment and management of bycatch and discards in the South African demersal trawl fishery. Supervisor: Professor WHH Sauer.

WARUI, Charles Mwaura, B.Ed. (Egerton), M.Sc. (Nairobi), in Entomology, in the Department of Zoology and Entomology. Degree by thesis. Thesis: Impacts of wildlife and cattle grazing on spider (Araneae) biodiversity in a highland savanna ecosystem, in Laikipia, Central Kenya. Supervisor: Professor MH Villet.

#### VICE-CHANCELLOR'S AWARDS

Vice-Chancellor's Distinguished Senior Research Medal  
Professor Vivian Anne de Klerk

Vice-Chancellor's Senior Distinguished Teaching Medal  
Professor Christiaan Edward Johannes Botha

Vice-Chancellor's Distinguished Teaching Medal  
Trevor Laurence Amos

## ACADEMIC HONOURS

|                                    |                             |
|------------------------------------|-----------------------------|
| BOTHA, Melissa                     | KAVANAGH, Kathryn Patricia  |
| BRADNUM, Kristy Eileen             | KELLAND, Lindsay-Ann        |
| BRONNER, Irene Ensle               | KING, Oliver Gray           |
| CASSIM, Layla                      | KNIGHTS, Samantha May       |
| CHAIBVA, Faith Anesu               | MULLER, David Johan         |
| COPLEY, Charles Judd               | NAHMAN, Anton               |
| CRAIG, Andrew Philip Knott         | NELSON, Leigh Michael       |
| DA SILVA PITA, Anita               | PRICE, Benjamin Wills       |
| DAVIS, Emily                       | RADLOFF, Judith Diana       |
| GOLDSWAIN, Christopher<br>Martin   | ROSE, Nathan Rolf           |
| GRIFFITHS, Bronwen Celia           | SCHLANGE, Megan             |
| HESS, Justin Edward                | SCOTT, Brett Reginald       |
| IRWIN, Catherine Anne<br>Elizabeth | SMITH, Robin Martyn Richard |
| JAIN, Gauri                        | TEMPLER, Sara Michelle      |
| JANSEN-VAN VUUREN,<br>Ross David   | VAN DYK, Jacoba Susanna     |
|                                    | WANTA, Leah Deborah         |

## ACADEMIC COLOURS

|                                 |                                  |
|---------------------------------|----------------------------------|
| ALLAN, Elizabeth Louise         | BUCHANAN, Stephen David          |
| ANSELL, James d'Olier           | BUXBAUM, Lara                    |
| BARKER, Andrea Lyn              | CALLAGHAN, Alison Joan<br>Claire |
| BARNES, Sarah Kimberly          | CLAYTON, Bradley James           |
| BECKERMANN, Tamerin<br>Amy      | COTTRELL, Justine Alexandra      |
| BENNETT, Rhett Hamilton         | CUMMING, Seth Neil               |
| BOSCH, Leigh Ann                | CURRIE, Maike                    |
| BRADFIELD, Candice              | DANIELS, Colin Peter             |
| Christina                       | DE WET, Leigh-Ann Robynne        |
| BRERETON, Catherine<br>Margaret | DODD, Samantha Claire            |
| BRIELL, Wanita Lorraine         | DUKE, Nicholas Craig             |
| BROWN, Jennifer Helen           | EAGAR, Daygan Sherlam<br>William |

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| EDINGTON, Sean Noel Peter               | MUERRLE, Thomas Martin           |
| ELPHICK, Marie-Clair                    | MULLER, Adrienne Carmel          |
| FERREIRA, Simon Jack                    | MURRAY, Andrew Coinneach         |
| FINCHAM, Alice Alexandra<br>Renou       | MURRAY, Lindsay Susan            |
| FOGEL, Ronen                            | NIERMANN, Carla                  |
| FORBES, Mary-Jane                       | OOSTHUIZEN, Jessica Jean         |
| FOSTER, Alison Natalie                  | ORR, Kyla Kathleen               |
| FOURIE, Kathryn                         | PADE, Caroline Ileje             |
| FOX, Jeannie Mary                       | PALMER, Nicola Frances           |
| FREEMAN, Jonathan Erskine               | PEIRSON, Jennifer Kate           |
| GALE, Bob Vincent                       | PEREIRA, Taryn Leigh             |
| GOGA, Safiyya                           | PIENAAR, Kiran Merle             |
| GORDON, Tamara                          | PRETORIUS, Lara Elizabeth        |
| GOSS, Megan Kate                        | PRETORIUS, Neil Zietsman         |
| HALLER-BARKER, Anjanette<br>Heidi Anohr | RAMA, Deelan                     |
| HAYWARD, Quinton Smythe                 | RICHARDSON, Keren Leslie         |
| HEIDEMAN, Paul Nicholas                 | RITCHIE, Matthew Smuts           |
| HOBBS, David Arthur                     | ROBERTSON, Stephen Alan          |
| HUNEBERG, Candice                       | ROBINSON, Brendon Kimbale        |
| HUTCHINGS, Jessica                      | ROWLAND, Kate Westcar            |
| JACOBS, Luella Oreanda                  | RUSSELL, Emily-May               |
| KING, Adam Scott                        | SCARR, Bridget Jean              |
| KNOWLES, Julia Anne                     | SCHEEPERS, Brent Ashley          |
| KOK, Mary-Anne                          | SICHOMBE, Beatrice Sinyama       |
| KURIAN, Hazel Claire                    | SMITH, Tracy-Ann                 |
| LEWIS, Melissa Geane                    | STEGEMAN, Kate                   |
| LLOYD, Gareth Dafydd                    | STEIDL, Joseph Ernst             |
| MAREE, Nicole                           | THERON, Riaan Mattheam           |
| MARKOVINA, Michael Zeljan               | THOMPSON, Robyn Leigh            |
| MARSH, Matthew Christopher              | TISSINGTON, Anna Kate            |
| MATSHIKIZA, Lindiwe<br>Urmila           | TONIOLO, Beatrice                |
| MIDGLEY, John Mark                      | VAN DER MERWE, Adele<br>Shanette |
| MILLWARD, Tanya Yvonne                  | VAN DER MERWE, Tamara            |
| MORISON, Tracy                          | VAN DER WOUDE, Peter<br>William  |

VAN NIEUWENHUIZEN,  
Anneke  
VAN ROOYEN, Petrus  
Hendrik  
VAN STADEN, Jacqueline  
Lisa  
VASIC, Ivana  
VON DER MEDEN, Charles  
Eric Otto

WAREHAM, Naomi Anna  
Elizabeth  
WATERS, Kim  
WEST, Catherine Anne  
WESTON, Robyn Judith  
WHITFIELD, Mark Ryan  
YSPEERT, Janco Hoekstra  
ZSORY, Viktoria

#### ACADEMIC HALF-COLOURS

ABRAHAMS, Philip John  
Murray  
ADENDORFF, Matthew Ralph  
AFOLAYAN, Anthonia Folake  
ALEXANDER, Anthea Gay  
ALLEN, Carole Jenine  
AMERY, Cherolyn  
AMOO, Marian Ama  
ANGEL, Leah  
ATKINSON, Gregory Anthony  
BALKARAN, Natisha  
BARNES, Candice  
BARRY, James Munnik  
Hamilton  
BECKER, Renata Gudrun  
BECKERLING, Tara Aisling  
BENNETT, Anthea Iona  
BOALER, Christopher Maurice  
BOCKLE, Ingrid  
BOSCH, Susan Marion  
BREIER, Daniel Robert  
BROOKES, Virginia Lorna  
BRUNE, Claire  
BUCKLE, Andrew Christopher  
BUDLER, Christy Beth

BUTTON, Samantha Robyn  
CARR, Donald Paul  
CHARI, Vimbayi Chengetai  
CHIEZA, Tinashe Ruth Lois  
CLARENCE, Sian Amanda  
CLUNNIE, Trevyn Rhu  
COLE, Catherine Angela  
COOKE, Heather Pauline  
COTTERELL, Kerry Lee  
COULSON, Alastair Mark  
CROZIER, Marguerite Nicole  
DE NOBREGA, Chantelle  
Antonia  
DEARY, Lauren Alice  
DEINER, Gareth Loftie  
DHAWAN, Rohitesh  
DUFF, Kevin Craig  
EBRAHIM, Irfan  
FARIS, Daniela  
FARMER, Sian Coralie  
FERREIRA, Jonathan Keith  
FLANAGAN, Shane Patrick  
GARSON, Carrie-Leigh  
GERMANUS, Garrick Anthony  
GLOVER, Elistan Nicholas

GRAVES, Jonathan David  
GRAY, Emma-Louise  
Catherine  
GRIFFITHS, Peter John Mohau  
HAIG, Liane Jane  
HENDERSON, Layle Rose  
HENWOOD, Bruce Avery  
HIGGINSON, Lisa Carina  
HIGGS, Lauren-Leigh  
HOBSON, Douglas Philip  
HOFFMANN, Nimi Ingeborg  
HOLLAND, Emma Huntsman  
JACOBS, Nicola Glen  
JONES, Michael Gary  
JOOMUN, Sadiyah  
JURGENS, Francois  
KGOSIETSI, Lindani  
Kagisanyo Joan  
KRULL, Carmen Lindsay  
LAKE, Rosalind Elizabeth  
Frances  
MACINTOSH, Ursula Louise  
MADHOO, Shaylen  
MAJEKWANA, Vongai Jeane  
MAREDZA, Mandy  
MARSHALL, Christine Louise  
MARSHALL, Richard Graham  
MAUGHAN, Alexander  
MCKIBBIN, Colin Neil  
MENTZ, Jessica Wyshe  
MENZIES, Greig Hamilton  
MOSIKARE, Oreabetsoe  
Refiloe  
MOYO, Susan Andile  
MOYO, Thamsanqa  
MUNDIA, Samson Mubu  
MYLROIE, Allira Jane

NAUDE, Amber-Clare  
NIKOLIC, Danica  
NORTH, Michael Patrick  
NXUMALO, Londa Selloane  
ODENDAAL, Nicolette  
OLDS, Cassandra Leah  
ORPEN, David Lisle  
PAGE, Alexandra Faith  
PARKER, Cassidy  
PENTZ, Stephen Robert  
PIO, Kirsten Claire  
PREMJI, Nadeem Barkatali  
Mohamed  
RACIBORSKA, Claire Frances  
REDPATH, Stuart Frederick  
REED, Jennifer  
RODGERSON, Joanne  
ROUX, Naomi  
RUSCHEINSKI, Natasha Helen  
SACHIKONYE, Tinotenda  
Chipo Victoria  
SCHEEPERS, Mark Wesley  
SCHREUDER, Taryn Leah  
SELALEDI, Mmuso  
SERRAO, Olivier George  
SHORT, James Roswell  
SKELTON, Sarah Anne  
SMITHYMAN, Robyn Ann  
STADLER, Gabrielle Tracy  
STEINBERG, Natasha  
STEVENSON, Sasha Jennifer  
D'Axon  
TOMMY, Ewan Leandros  
TRIVEDI, Himesh  
VAN DER MERWE, Simone  
VAN HEEMSTRA, Cornelia  
Dorothea

VISSER, Juliet Kay  
VUSHEMASIMBA,  
Vimbainashe  
WAGHORN, Katherine Ashley  
WARNER, Melissa Jane  
WEBSTER, Kevin John  
WHITE, Lauren  
WICKS, Andrew David

WILSON, Sarah Bella  
WINCH, James Jeremy  
William Wessels  
YEARSLEY, Rowan David  
YOGESWARAN, Janani  
Ayshwaryah  
YOUSSEF, Angy

# **AWARDS OF SCHOLARSHIPS, BURSARIES AND PRIZES**

*Abe Bailey Travel Scholarship:* S N Cumming

*Alfred Beit Scholarships:* C L Krull, O R Mosikare, D R Breier, C F Raciborska,  
D L Orpen

*Allan Gray Senior Scholarship – Honours:* N K Hlungwane, K M Mathabire

*Allan Gray Senior Scholarship – Masters:* L O Jacobs, J B Shikwambana,  
P Takaendesa

*Andrew Mellon Foundation Postgraduate Scholarships – Honours:*  
E L Allan, N L Baloyi, Z Chinzara, J M Fox, J Hutchings, F J R Mahuni,  
N M Mdzingwa, O Matarirano, A Mylroie, N F Palmer, K S Pendlebury,  
P Sibanda, P Tarwireyi, B Tonolio, A Van Nieuwenhuizen, S Zindiye,  
C A de Nobrega

*Andrew Mellon Foundation Postgraduate Scholarships – Masters:*  
L Cassim, F A Chaibva, B V Chamboko, E Chigumira, F T Manjoro,  
T L Maunganidze, H Mollel, F Mtero, A C Muller, C I Pade, K Pienaar,  
M P Thinyane

*Andrew Mellon Foundation Postgraduate Scholarships – Doctoral:*  
S Daniel, A S T Kanyegirire, P N Kimemia, N Mkize, F Patel, I Seotsanyana-  
Mokhosi, L P Tau, M A Tsegaye, X Zhao

*Atlantic Philanthropies Scholarship:* J A Glover

*A Trevor Williams Scholarship:* D P Carr

*Betty Shuttleworth Scholarship:* L Koskenkasngas

*Charles Bryars Scholarship:* L Koskenkangas, SS Njeza  
*Conrad Dylan Cambray Scholarship:* M Adendorff

*David Adolph Bradlow Scholarship for Humanities:* C A E Irwin

*Desmond Goddard Bursary:* F Matemadombo

*Dr Kendall Scholarships:* E L Allan, A P K Craig, N C Duke, J K Ferreira,  
T Y Millward, N R Rose, B R Scott, J-A Steyn, J S Van Dyk, L D Wanta

*Dr Maryam Babangida Scholarship:* JK Rodgersson

*Ernest Oppenheimer Memorial Trust Scholarship for South African History:* S  
A Greyling

*Guy Butler Research Award:* R E Davis, B M Grogan

*Henderson Postgraduate Scholarships – Masters:*  
R Bennett, K R Glass, K McAlpine, S M Palvie

*Henderson Postgraduate Scholarships – Doctoral:* P D Vorwerk

*Henry Bradlow Scholarship for Science:* L M Nelson

*Honours Degree Scholarships:*

E L Allan, T L Ashworth, J T M Beukes,  
R P Brear, I E Bronner, V L Brookes, C Brune, J P Buchanan, C B Budler,  
T A Carthy, W J U Chidawanyika, T R L Chieza, H P Cooke, C J Copley,  
A P K Craig, C A De Nobrega, L Downsborough, N C Duke, D Faris,  
S C Farmer, J K Ferreira, S J Ferreira, J M Fox, J Fraser, C L Garson,  
G A Germanus, C M Goldswain, T Gordon, P J M Griffiths, L R Henderson,  
B A Henwood, J E Hess, L H Higgs, P P H Hin, N K Hlungwane, M B Horne,  
E F Hughes, J Hutchings, N G Jacobs, O G King, A M Kok, S Madhoo,  
M C Marsh, S J Meine, T Y Millward, L Milne, A E W Morris, T Moyo,  
T M Muerrle, J T Muregerera, S R Murphy, A J Mylroie, N Mzezewa,  
A C Naude, N Odendaal, C L Olds, K K Orr, A F Page, N F Palmer,  
A C Parker, J K Peirson, K S Pendlebury, S R Pentz, N S Pillay, K C Pio,  
B W Price, S F Redpath, J P F Richter, S A Robertson, N R Rose, M Schlange,  
T L Schreuder, B R Scott, N S Sebonego, J R Short, N V Sigidi, S A Skelton,  
S C Sparrow, P V Spring, M L Springer, C A Stanton, S J D Stevenson,  
J-A Steyn, A K Tissington, C D Swales, B Toniolo, S Van der Merwe, J S Van  
Dyk, L D Van Lelyveld, A Van Nieuwenhuizen, M Vermaak, L D Wanta,  
M J Warner, R D Yearsley

*Ian Mackenzie Scholarship for Environmental Studies:* T Rapson

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

*Jane Osborne Scholarship:* A C Parker, P V Spring

*Joe Levy Scholarship:* To be awarded

*Leon Gluckman Memorial Scholarship in Drama:* No award

*Master's Degree Scholarships:*

J D Ansell, A L Barker, S K Barnes, T A Beckermann, R H Bennett,  
L A Bosch, M Botha, K E Bradnum, C M Brereton, W L Briell, S D Buchanan,  
L Buxbaum, A J C Callaghan, L Cassim, F A Chaibva, B J Clayton,  
J A Cottrell, S N Cumming, M Currie, A Da Silva Pita, C P Daniels, E Davis,  
L A R De Wet, D S W Eagar, M C Elphick, A A R Fincham, R Fogel,  
M J Forbes, A N Foster, K Fourie, J E Freeman, B V Gale, S Goga,  
B C Griffiths, P N Heideman, D A Hobbs, C A E Irwin, G Jain, R D Jansen-  
Van Vuuren, K P Kavanagh, L A Kelland, A S King, S M Knights, M A Kok,  
H C Kurian, M G Lewis, G D Lloyd, N Maree, M Z Markovina,  
L U Matshikiza, J M Midgley, T Morison, A C Muller, D J Muller,  
LS Murray, A Nahman, L M Nelson, C Niermann, J J Oosthuizen, T L Pereira,  
K M Pienaar, L E Pretorius, N Z Pretorius, J D Radloff, K L Richardson,  
B Robinson, K W Rowland, E M Russell, B J Scarr, B A Scheepers,  
B S Sichombe, R M R Smith, T A Smith, S M Templar, R M Theron, P W Van  
Der Woude, T Van Der Merwe, P H Van Rooyen, J L Van Staden, I Vastic,  
C E O Von Der Meden, N A E Wareham, C A West, R J Weston,  
M R Whitfield, V Zsory

*Muirhead Bursary:* A Nahman

*Otto Beit Scholarship:* G Jain

*Patrick and Margaret Flanagan Scholarship:* C Niermann

*Professor B R Allanson Scholarship:* No award

*Raymond Pullen Memorial Scholarships for Arts*

*Drama:* P B Barrett, E R Stockil

*Fine Art:* G Bateman, K Leathem, N Spargo, D J Tryon

*Music:* D Wynne

*Rhodes Foundation Scholarship (Most Outstanding Graduate):*

O G King

*Rhodes Governor's Scholarship (Most Outstanding Undergraduates in the Humanities and Sciences) :* OR Mosikare, GA Atkinson, CL Krull, SA Moyo

*Rhodes University Postgraduate Scholarships – Honours:*

C J Copley, O G King, M C Marsh, B W Price, S A Robertson, NR Rose

*Rhodes University Postgraduate Scholarships – Masters:*

M Ackerman, R Davis, H E Hacksley, A M C Hartnack, R Jansen Van Vuuren,  
A Nahman, M C Oelofsen, M I Rumbold, L D Shapiro, B Scholtz

*Rhodes University Postgraduate Scholarships – Doctoral:*

M W Gibb, A J Warmenhoven

*Rhodes University Scholarships:* O R Mosikare, D L Orpen, G A Atkinson,  
J M H Barry, C F Raciborska, K A Waghorn, L S Nxumalo, A G Alexander,  
C Amery, O G Serrao

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

T Eaton, K K Orr, M Schlange, J Steyn, J S Van Dyk

*Sir Basil Schonland Scholarship:* R M R Smith

*Thomas Alty Scholarship:* J D Radloff

*William Francis Barker Bursary:* V O Akpe

*Tirene Best Information Systems III Systems Development Project:*

G S Cannon, C N De Klerk, D G Fannin, MB Humphreys, M N P Mukungu

*A Trevor Williams Prizes*

*Physics I:* O R Mosikare

*Physics II:* J M H Barry

*Accenture Prizes*

*Information Systems Honours:* D Rama

*Information Systems II:* V C Chari

*Adams and Adams Law Prize:* M P North

*Alastair Kerr Prize:* A van Nieuwenhuizen

*Alexander Ogg Prize for Physics:* O G King

*Altruism Award for the Unselfish Support of Fellow IS Honours Students:*  
J H Brown

*Aschman Scholarship:* J Nurse

*Avlynnne Bowen Award for Pharmacy II:* R G Bekker

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

*Basil Schonland Physics Prize:* No Award

*Beth Cumming Memorial Prize:* L Allen

*Bill Branford Prize for Linguistics:* L Wanta

*Brian Peckham Memorial Prize:* M G Lewis

*Bronze Medal of the South African Association for the Advancement of Science*  
(S<sub>2</sub>A<sub>3</sub>): G James

*BSG Best Information Systems Honours Research Project:* Ocean Tech Team:  
A J C Callaghan, D A Hobbs, D N Mathebula, D Rama, R L Thompson,  
K Waters; Phoenix Development Team: A L Barker, J H Brown, N J Low,  
C I Pade, Y Raghavjee, R Smythe

*BSG Special Award for the Best IS Honours All Round Performance:*  
A Barker

*Butterworth Book Prizes for Law:* G L Deiner, A H A Haller-Barker

*Butterworth Management Accounting III Prize:* D M Smith

*Catherine Foxcroft and Gary Terry Prize:* T Marais

*D C S Oosthuizen Memorial Prize for Philosophy:* R A Flockeman

*David Williams Memorial Prize for Mathematics III:* O G King

*Dr Adolph Schauder Memorial Prize in Sociology:* C L Claassen

*Dr Kurt Gillis Prize for Psychology Master's:* B J Karpelowsky

*Dr Valentine Cuenod Memorial Prize for French III:* B Toniolo

*Duerden Scholarship:* B W Price

*Duncan/Whiteley Biochemistry Prize:* M Botha

*E D Mountain Prize:* N Rose

*Ernest Wild Prizes*  
*Psychology II:* B C Oosthuizen  
*Psychology III:* P Walker

*Ewer Prize in Zoology and Entomology:* J Midgley

*F P Muirhead and M B Rosenberg Memorial Prize for Microbiology III:*  
C L Olds

*Fred Cooper Prize for Company Law:* M P North

*George M Gruber Physics IE1/IE2 Prize:* Y B Coonjah

*Gladys Blackbeard Scholarship:* P J M Abrahams

*Grahamstown Training College Bursaries*  
*English:* K L Campbell, A S Niemeyer, R Watt-Pringle, M I Rumbold  
*Music:* B Coetzer

*Grant and Marjorie McKerron Scholarship (Law):* M P North

*Heather Drummond Memorial Prize for Poetry:* A G Alexander

*IBM Best Information Systems Honours Research Project:* J H Brown

*IDI Technology Solutions Prizes*  
*Computer Science Honours:* C A E Irwin  
*Computer Science I:* D L Orpen  
*Computer Science Foundation Course:* Z Ntshebe

*Investec Top MBA Student Award:* A G Whittington-Jones

*Investec Best MBA Dissertation Award:* A G Whittington-Jones

*Investec MBA Good Fellowship Award:* J C Gibson-Tessendorf

*Irvin and Johnson Scholarship for Microbiology II: T Muerrie*

*J C van Hille Award in Zoology and Entomology: J Winch*

*Janinne Franke Prizes*

*Best Computer Science Honours Project: C A E Irwin*

*Computer Science II: G A Atkinson*

*Jardine Prize: C L Krull*

*Joe King Prize: A P K Craig, S F Redpath*

*John and Audrey Foxcroft Beethoven Prize: No Award*

*John O'Meara Prize for Organizational Psychology III: N Odendaal*

*Johnson and Johnson Award for Chemistry I: A Jina*

*Jonathan Marks Prize: B Scarr*

*Judge Schock Prize: A van Nieuwenhuizen*

*Junior Captain Scott Medal: No award*

*Juta Law Prize: M Lewis*

*Kevin Carlean Memorial Scholarship (Journalism): M Cruywagen*

*Kieron George Chambers Memorial Bursary: G T Zheve*

*Konrad Kulesza Award: J Janse van Rensburg*

*KPMG Award for Accounting Honours: E H Nel*

*KPMG/Len Verster Accounting II Prize : G D Seggers*

*Lannon Best Information Systems Honours Research Essay Award:  
C J Dachs*

*Leslie Kent Award for Geology: J Robbeson*

*Lillian Britten Prize for Botany: T Y Millward*

*Louis Dubb Prize: N F Palmer*

*Management Prizes*

*BBS 4: Q S Hayward*

*Honours: J A Knowles*

*Management III: K C Pio*

*Diploma in Enterprise Management: K M Walters*

*Margaret Smith Bursary in Ichthyology and Fisheries Science: No award*

*Matthew Jones Memorial Shield: L Allen*

*Mattie Shuttleworth Speech Prize: S Murphy*

*Mavis Hill Prize for Music: G Schutlz*

*Mel Field Award for the Best IS Tutor: A M Aliphon*

*Merck Prizes*

*Biotechnology: R Fogel*

*Chemistry III: N Rose*

*Microbiology Honours : L Murray*

*Michael Kapelus Memorial Prize for Pharmacy: C S W Gibbs*

*Milner Memorial Essay Prize: No award*

*Nestlé Prize for Biochemistry II: L White*

*Norman Harris Prize: S R Murless*

*Oxford University Press Prize for English Literature: A Foster*

*Pearce Rood Prizes (Law):*

*D R Breier, C R Holness, A van Nieuwenhuizen, M P North*

*Purvis Prize: K Parshotam*

*R G McKerron Prize for Law of Delict: M V A Hooper*

*R L Threlfell Memorial Prize: G A Germanus*

*Rhodes University Chamber Choir Music Award: K M Russell*

*Rob Antonissen Memorial Award: T Colyn*

*Robert B Lloyd Bursary: T Marais*

*Rodney Davenport History Scholarship: To be awarded*

*Rowney Prize: J Tryon*

*Royal Society of St George Prize: A Buchanan*

*Rupert Onderwysstigting Prize for Music: S Moyo*

*S A Breweries Prize for Biochemistry III: J-A Steyn*

*S A C I James Moir Medal: R Jansen van Vuuren*

*Sanlam Insurance Prizes*

*Accounting I : C Krull*

*Accounting II : G Sagger*

*Legal Theory I: P J M Abrahams*

*SAP Africa Prizes*

*Computer Science III: K C Duff*

*Best Progress in Computer Science: S Tsenene*

*Sasol Prize for Biochemistry: J-A Steyn*

*Schwarz Memorial Prize for Geology : J Winch*

*Sigma Aldrich Award for Chemistry Honours: To be awarded*

*Sole Memorial Prize for History Master's: J Richner*

*Spilkin Prize for Law: A van Nieuwenhuizen*

*Spoor and Fisher Prize for Intellectual Property Law: A H A Haller-Barker*

*Steyn Maartens Memorial Prize for Afrikaans: M Cruywagen*

*Sydney Cruise Memorial Prize for Mathematics II: J M H Barry*

*South African Institute of Chartered Accountants: Southern Region Prizes*

*Advanced Accounting: B Allen*

*Advanced Auditing: V Lovegrove*

*Taxation: V Lovegrove*

*Advanced Management Accounting : B Allen*

*Terrence Beard Prize for Politics: J Ferreira*

*UPB Prizes*

*Linguistics I: C Marshall*

*Master's of Business Administration: A G Whittington-Jones*

*UTiSUN Couriers Best Information Systems III Student: N Chigwamba*

*WD Terry Memorial Prize: F Jurgens*

*William Barker Memorial Prize: S van Dyk*

*Winifred Maxwell Prizes*

*History I : L Faull*

*Most Progress in History I: S Nel*

## THE PURPLE AND THE WHITE

Surgit' O Rhodienses gloriae memores  
Voce magna cantate famam laudantes.  
Vestrum reboent, splendorem montes  
Palmarum vos feratis semper  
*Rhodes, 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.  
*Rhodes, 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!