

UNIVERSITY OF NATAL

GRADUATION/DIPLOMA
CEREMONY

1992

SATURDAY 4 APRIL

10:00

PIETERMARITZBURG

Chancellor

Vice-Chancellor and Principal

Chairman of Council

Deputy Vice-Chancellor and
Vice-Principal, Durban

Deputy Vice-Chancellor and
Vice-Principal, Finance and
Technical Services

Acting Deputy Vice-Chancellor
and Vice-Principal, Pietermaritzburg

President of Convocation

Assisted by
Orator

Registrar

OFFICERS

The Honourable R.N. Leon
QC, BA, LLB (Natal)

J. V. Leatt
BA (Rhodes), BA(Hons), PhD (Cape Town)

G. C. Cox
BCom, LLB (Cape Town)

C. F. Cresswell

BSc (Hons), MSc (Rhodes), PhD (Bristol),
FRSSAf

B. M. Gourley

CTA (Witwatersrand), MBL (Unisa), CA (SA)
D. A. Maughan Brown

BA (Cape Town), MA(Cantab), DPhil (Sussex)

J.M. Pet
PrEng, BScEng (Natal), MSAACE

R.M. Burrows M.P., BA (Hons) (Natal)
C.OO. Gardner BA (Hons) (Natal), MA (Oxon)

B.X. de Wet
MA (Pret), D Litt et Phil (Unisa), HDE (Pret)

DEANS OF FACULTIES

Agriculture

Science

J.M. de Villiers BScAgric, PhD (Natal)

R.E. Raab BSc (Hons) (Natal), D Phil (Oxon)

PROGRAMME

The Chancellor constitutes the congregation

ASCRPTIONS

Prof. R. B. Nicolson
BA (Hons), PhD (Natal), DTE (Unisa)

WELCOME TO GUESTS

The Vice-Chancellor

PRESENTATION OF FELLOWS OF THE UNIVERSITY OF NATAL

The Dean of the Faculty

PRESENTATION OF DOCTORAL GRADUANDS

The Deans of Faculties

HONORARY DEGREE

The Orator presents the Honorary Graduand

JACK VINCENT

for the degree of

DOCTOR OF SCIENCE

ADDRESS

Colonel J. Vincent, M.B.E.

THE UNIVERSITY CHOIR

Conductor : M.Lambert BA (Hons), MA (Natal), STD (Cape Town)

Creationis Hymnâ\204¢ 0 T, o s R PN N Beethoven(1770-1827)
In the fRiver of-Jordan .- .Â« o T L R O African-American Spiritual
Shosholozâ> 7Â« T 7 % 0 "I i L0 e G SN el DS BRI e s Zulu traditional

PRESENTATION OF GRADUANDS AND DIPLOMATES

The Deans of Faculties

The Chancellor dissolves the congregation

The congregation is requested to stand while the academic procession enters and leaves the hall and to remain seated until the conclusion of the ceremony.

Only officially authorised persons are permitted to take photographs during the ceremony. Refreshments will be served in the marquee at the conclusion of the ceremony.

FELLOW OF THE UNIVERSITY OF NATAL

(See page 11)

FACULTY OF SCIENCE

Maclean, Gordon Lindsay, BSc(Hons), PhD(Rhodes), DSc(Natal)
Awarded for distinguished contributions in the field of Zoology.

DOCTORAL GRADUANDS

DOCTOR OF PHILOSOPHY IN THE FACULTY OF AGRICULTURE

Discipline

Donkin::Michael John, BSc(EHons). . - =i: . - - b I e e Agronomy
Thesis: Relationships between climatic indices and soil properties reflecting leaching and weathering in the Natal Midlands, and their use in the assessment of afforestation potential.
Kernicki#Brian\200\231Louis SMScAgric(Pret) i 0 o8 B o Animal Science
Thesis: The effect of form of nitrogen on the efficiency of protein synthesis by rumen bacteria in continuous culture.
Shanahan, Paul EdwardBBScAgric == == . e 01 el o0 0 L g0 e e Crop Science
Thesis: Fluctuation of non-structural carbohydrates in the stem and ears of maize (Zea Mays L.) during grain fill as influenced by water stress.

DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

Discipline

Bye, Sandra NoÃ1 ;sBSc(Hons) kg s Suciger. (ol a8 i e Shiie 0 it Biochemistry
Thesis: The development of assays for atractyloside and its localisation in rat tissue.
HattinghVaughanSBScAgric(Stell.) Â. - Fo 0 o0 o R R e Zoology
Thesis: Comparative feeding and foraging behaviour of the biocontrol agents *Chilocorus* spp. (Coccinellidae).
KellySKathleentMary:#MSCEHDES . = 0 o v e e e Botany
Thesis: Carbohydrate metabolism in *Parthenium argentatum* Gray.
Lennox, Cheryl 'ynne, BSc(Hons): ' } | | - gsbbse i b m i wdn . - o0 0 Plant Pathology
Thesis: Studies on the expression of resistance to stem rust of wheat caused by *Puccinia graminis* f.sp. *tritici*.
leiSueur; DavideBSc(Hong)SÂ¥ = i i@ barr L0 0 0 L Zoology
Thesis: The ecology, over-wintering and population dynamics of the pre-imaginal stages of the *Anopheles gambiae* Giles complex (Diptera: Culicidae) in Northern Natal, South Africa.
Schrire; BrianiDavid:MSc(UDW)istegditeds i Sebsinr e e b i s iy Botany
Thesis: Systematic studies in African Indigofereae (Leguminosae Papilionoideae).
Strydom, Gerhardus Johannes, BSc(Hons) (PU for CHE)0.... Botany
Thesis: The effect of gamma radiation (60Co) on the postharvest physiology of *Musa acuminata* Collar cv. Dwarf Cavendish.
Verbeek Julian'Alistair;?BSC(Hons) = - .. 0. . L e e Geology
Thesis: The geology and geochemistry of the Archaean granitoid-supracrustal terrane, southeast of Piet Retief, Transvaal.
Woollam, Stephen Farring, BSc(Hons)00t irunnnnnennn. Chemistry
Thesis: The redox and co-ordination chemistry of some dinuclear

diphosphazane-bridged derivatives of ruthenium.

HONORARY GRADUAND
(See page 12)

Vincent, Jack, M.B.E.

GRADUANDS

MASTER OF SCIENCE IN AGRICULTURE

Discipline

Baber, Rupert Alfred Alexander, BScAgric0vvvuunn... Agricultural Economics
Thesis: A property rights approach to the land question in South Africa.

Brafield-Rolfe, Sandra Michelle, BSCAGriCt vermeenennnn. Horticultural Science

Thesis: Nutrition of containersied Eucalypt (Eucalyptus grandis
Hill ex Maiden) seedlings grown in pine bark.

Brunette; Shirley Ann; BSCAZIIC Â«. v oo B0 OG0 Wl e LOonal Horticultural Science

Thesis: Effects of hydrogen cyanamide on dormancy release in kiwifruit.

Cleasby, Robert Charles Geoffrey, BSCAGIiCcovvvunnen... Agricultural Economics

Thesis: The demand for and supply of selected South African
agricultural commodity exports: Policy implications.

Contos, George, BSc(Hons) (Witwatersrand)o vt i it e e e, Poultry Science

Thesis: Nutrition of the mature Broiler Breeder.

Hean, Sarah Catherine Patricia Duff, BSCAgric enennnnnn. Biochemistry

Thesis: Investigations into mycotoxins and mycotoxicoes in the
Rural Homeland of Kangwane.

Higgins, SÃ©an PatrickÂ¥BScAgrice 2 8 s Ao e ThNs e e Soil Science

Thesis: Selenium availability in soils and pastures of the Natal Midlands.

Kaiser; Sigrid RuthiVBSCAgric# il s s it inais Sasl s o o Solnailee i Ml Horticultural Science

Thesis: Induction of precocious flowering in Pinus patula
Schlecht. et cham.

Ifiengme; Duncan Philippe;BScAgric, HDE s b s SR ORRE 88 lÂ¢ Vol e Soil Science

Thesis: An investigation into the influence of drop impact energy on the
development of crusts on selected Natal soils under centre pivot irrigation.

Martens, Jonathan Charles, BScAgric Â«... | @8 cniue lo st S iises wlk | Grassland Science

Thesis: Development of a range monitoring technique for the Smaldeel area
of the Eastern Cape.

McCubbin;Peter. Donald; BScAgrich &0, s v in s e o non) Horticultural Science

Thesis: The effect of seedling tray type and chemical root pruning on
the growth of Eucalyptus grandis Hill ex Maiden.

McKenziÂ¢;:Frank Ralph; BScAgrict v s ol Juaing seaai idina i invinaanlii, iy Grassland Science

Thesis: An assessment of volatilized nitrogen losses off dryland kikuyu pastures.

Saunders i Tracy,Lonise, - BSCAGIIC: oo iviymturs bt bobu hotifa bt v, o0, R0 BT (58 Entomology

Thesis: Mandible morphology of adult Coccinellidae (Insecta: Coleoptera),
relative to diet, phylogeny, and predictions for biocontrol.

SchafersGavin/Nicholas: . . 87 (s Â¥ B itn Sepiinl aRaels. Sunoi 0 Sl e - iy Soil Science

Thesis: Classification of forest land in the Southern Cape region.

Thibaud,Guy.Richard,;BSCAGIIC Â¢ v s v et arats ioerar b b o SaWaUHE Bessteny 8 S0 S0 Soil Science

Thesis: A comparison of the agronomic effectiveness of Langebaan rock phosphate
and double superphosphate under glasshouse conditions.

Thomson;iDavid:Neville; BSCAGIIC . . uxeivtuie i v iviiaa urers orubanaine Â» B8R WL 5 Agricultural Economics

Thesis: Economic implications of land rental in rural KwaZulu:

A study in three tribal wards.

van Vuuren; Stephanus-Petris | 516 & S inap i Sl il a0l st g Plant Pathology

Thesis: Evaluation of citrus tristeza virus isolates as

cross protecting agents for citrus in Southern Africa.

Wright, Peter. David, BSCAgrict - . . 8 S8 B eSO e e Agricultural Economics
Thesis: A study in political economy: The South African maize and
dairy industry.
Degree awarded cum laude

MASTER OF SCIENCE

Discipline

Abraham, Robert William, BSC (HONS)ottt iienntennnenenn. Computer Science
Thesis: An abductive approach to mycotoxin diagnosis.

Albertyn, Christopher George Neale, BSc(Hons) Psychology

Thesis: An investigation into the relationship between family functioning, regimen adherence and metabolic control in adolescents and children with insulin-dependent diabetes mellitus.

Austin, Hilary: Ann, BSc(Hons) in Botany & Zoology B0 Genetics
Thesis: Transformation of soybean (*Glycine Max* L. (Merrill)) by
Agrobacterium tumefaciens plasmids.

Beaumont, Angela Jane, BSc(Hons) (London) ttt tiimneeeennnnnnenn. Botany
Thesis: A taxonomic revision of the Leguminos genus Calpurnia of South Africa.

Casson, Sharon; BSc(Hons) .. ok i el s m vn 8 Lu g fd ool Bl s e e Chemistry Thesis: New applications of the Baylis-Hillman reaction.

Clark :TanzaiElizabeth ;BSc(Hons): .. < ooiliion o S ihanoi s ol g 00 caarnac) ot Z oology

Thesis: Dragonflies as habitat indicators of the Sabie River in the Kruger

National Park.

Dean, William Richard:John .ot 6. .iie. s ot oons s ciniahim oo tes Sondae Syt 'Â« + o open
ede - Botany

Thesis: Ecological effects of mound-building by the harvester ant *Messor capensis* on Karoo plants.

Dehrmann, Frieda Marie: BSC(HONS) v, 0. i L s e slnld .Â« o ohitra Biochemistry
Thesis: An investigation into the plant toxin atractyloside in *Callilepsis laureola*.

Descoins, Marc Jonathon; BSCHONS) . 1s 5 et S roniishis o oottt 3 RS Rt o o o rheelÂ® Physi
cs

Thesis: An electromagnetic metal-fatigue tester.

Dixon, John Edward Wakes, BSc(Minnesota)0ttt nnnnnnnns Zoology

Thesis: Prey selection by owls in the Etosha National Park.

Everett: Peter. Stuart; BScHons)Pret)ee: . - S id o ih s thens o S nbrsientnuate s b e e e
ah e Zoology

Thesis: The ecology and status of oribi in Natal.

Goldsworthy, Debra-Ann #BSc(HONS) % 6 fih 0 o vt b S st o o o Sniehel - Botany

Thesis: Desiccation tolerance in *Myrothamnus flabellifolia* Welw.

GreengErancestAnne . .ot . oo s L o e B Sy o Biochemistry

Thesis: Development of solid phase methodology for ABO and RH D typing.

Guy, Sarah Alice, BSc(Hons), HDE ~ifaak s Vil B e ot o R B vl il 0 . 0L ot o Chemistry

Thesis: Nitrogen oxide diphosphazane bridged derivatives of iron and ruthenium.

HallivAllan Stewart, BSc(Hons) - . | i = L . o o i o b Plant Pathology

Thesis: A study of pasture diseases in Natal.

Hutchings; Anne. Doris. i s i y o S virvs e et e b hns o o e Botany

Thesis: Plants used for some stress-related ailments in traditional

Zulu, Xhosa and Sotho medicine.

Jewitt, Graham Paul Wyndham, BSC (HODS)00 tirnnennenennnnenns Hydrology

Thesis: Process studies for simulation modelling of forest hydrological impacts.

Jocelyn, Sandrai Clare, ; BSC (HONS) . . . vl o . o oo e e el BT R Psychology

Thesis: Students' attitudes toward inter-racial tension in Residences at the University of Natal, Pietermaritzburg Campus.

Kirk: Kirsten Clare BSC(HONS): 2005 vol 10 of the series Biochemistry

Thesis: Isolation and characterisation of a proteolytically active
cathepsin L/cystatin B complex.

Kruger, Ema, BSc(Hons)}(Rhodes)= 2000 Plant Pathology

Thesis: Studies on citrus tatterleaf virus in South Africa.

Maharaj, Rajendra BSc(Hons) TRUSRAE L/ M ES. . 1AM or Qoo W Ao s as o0 Zoology
Thesis: Predator-prey interactions between sciomyzid fly
larvae (Sepedon spp.) and aquatic snails.

MaharajShaileshi* BSc(Hons) 8o 050 00 00 0t B s Sk R e s Biochemistry
Thesis: An investigation into the enzymatic conversion of averantin
to a novel anthraquinone.

Mahida, Harendrasingh, BSc(Hons), HDE(UNITRA)ot vt e me e e Zoology

Thesis: Aspects of the gastric processes of the white-tailed rat *Mystromys albicaudatus*
(A.Smith 1934).

Marchant, Athol Neil fBSc(Hons)(Pret)e i s EFid. iy, 5t sh oo anh sy sl 0 0 i Zoology
Thesis: An evaluation of the wildlife extension service in Natal.

McKenzie, Alan Douglas;, BSc(Hons) .00 Desitmilond Sl 8008 o8 Lo s b g = Geology
Thesis: Geology and mineralization of the Golden Valley Mine, Northern Natal.

McKenzie, Margaret Ashleigh, BSC(HONS)o v it ittt ettt eee e Genetics
Thesis: The evaluation of South African varieties of soybean for

their susceptibility to *Agrobacterium tumefaciens* and the
production of transgenic soybean.

Miller, Jorn Derrick Schuster, BSc(Hons) 0.y el e o8 o Chemistry
Thesis: Paper supported ion exchange resin for the collection of dissolved
rare earth elements: A potential technique for trace analysis by x-ray
fluorescence spectrometry.

Moffett: JacquelinesBSc@ons) .0 7 = o m s i o e L el Statistics
Thesis: Geostatistics: A study of the techniques and an application to mean annual precipit
ation.

Moji, Nthobane Cable, BSC(HODS)UNIN)o v v vviovieo oo voe s ssansosonensns Physic
s
Thesis: Plastic shear in a model amorphous solid.

Mgogqi, Nokuzola Patricia, BSc(Hons)(UNITRA)Zoology
An epidemiological investigation of urinary schistosomiasis, *Schistosoma*
haematobium in the Port St. Johns district of Transkei.

IMuirgDirkÃ@Peter; BSc(Hons),. . 7 . - - o s R Institute of Natural Resources
Thesis: Indigenous forest utilisation in KwaZulu - A case
study of Hlatikulu Forest Reserve Maputaland.

NgidooiGonaseelan, BSc(Hons) /.. . . . 0 00 o 0o a0 A e Biochemistry
Thesis: Development of a microassay for myosin ATPase activity in
skeletal muscle biopsies.

RikeSAndrew BSC(HODS) - . .0 -l o o holea it v e A S LU Hydrology
Thesis: Spatial analysis model development for
agrohydrological applications.

Raman, Jaishree, BSc(Hons) .t o % oo 0ot A R Biochemistry
Thesis: An investigation into the inhibition of aflatoxin biosynthesis
by a commercially available herbicide

Scott-Shaw, Charles Robert, BSc(Hons)(Natal), HDE(Cape Town) oo v v v v ennennn
.. Botany

Thesis: A taxonomic revision of the *Acalypha peduncularis* E.May. ex Meissner
(Euphorbiaceae) complex in Southern Africa.

StillMargaretflane SBSCIHONS) & . v . . o o\ oe o wien o s oein a s e TS SR Plant Pathology
Thesis: Study of vesicular-arbuscular mycorrhizas on oil
and protein seed crops.

StubbingsÃ@David 0 o L L s s e R L e Biochemistry
Thesis: Studies on the preparation of affinity chromatography materials.

SutaniOmmeshySonnies BSCOHONEY o . Â» o v vÂ« o oo s o ornin oo vl JaBSh. koot S G Biochemi
stry
Thesis: Aflatoxin biosynthesis: Chemical characterisation, quantitative assay
of precursor metabolites, and enzymatic studies.

(UpfoldigSally8ane S BSc(Hons) concs o on o0 U s bt i Sl S S S Botany
Thesis: Cytokinins and' cut carnation flower senescence.

iWhittington' Andrew Enic; BSc(Homns) - . . . o0 000 2 e L e s S e Zoology

Thesis: Revision of the Afrotropical species of Graptomyza and Ornidia
(Diptera: Syrphidae: Volucellini).

Qualified as a clinical psychologist
Degree awarded cum laude

BACHELOR OF AGRICULTURAL MANAGEMENT (HONOURS)

Discipline

Androliakos; Mark, B Agric Mgt - it o BB E Agricultural Production
Leslie, James Ross, B AgricMgtais -0 Saiions i im0 000 SR i ilng il Agricultural Economics
Sprong, Clinton Basil, B Agric Mgt00, Agricultural Production
Swanepoel, Stephen John Martin, B Agric Mgt Agricultural Economics

BACHELOR OF SCIENCE IN DIETETICS (HONOURS)

Biggs, Meribah Mary Erica, BScDiet(Natal), DipHospDiet(UOVS)

Read, Amanda Jane Price, BScDiet(Natal), DipHospDiet(UOVS)

BACHELOR OF SCIENCE IN HOME ECONOMICS (HONOURS)

Gow, Sarah Jane, BScHomeEcon

BACHELOR OF SCIENCE (HONOURS)

Discipline

AdieSHylton'RalphBSc * = SR S me Sl Daois, 000 Lol 4 S et . L el e Zoology
Aldworth, Walter Jeremy Koch, BA(Rhodes)tnnnnn. Statistics
Andrew, Jonathan'Mark; BSc = oo o atal i Sk o e | Lo SRR Geology
Barlow:Jean; BScr 7w - - 0oL cn s aa e BTG SaEl T R R RO Biochemistry
Barnard, â\200\230AndrewiBecket; BSce i it ol sOa L iRt i omie L Chemistry
Bichara, Alexandra Elizabeth, BSc Microbiology/Plant Pathology
BishopPKarentSuzanneBBSCL = i 5 o s i S e s e R SR O Genetics
Brownâ\200\231 Susanifennifer; BSCT & | .ot Dosen o dia s i TG e iR 00 RS Chemistry
Budnikâ@Krzysziof " BSc. SHELA RO st 00 Microbiology/Plant Pathology
Buttâ@MeganJane #BSce " i. s L0 BN L0 DL v e e e R SRR G Botany
Carliellâ\200\231* Cynthiaâ\200\231MaryPBSci e b sal s = gt sel comnâ@e it o o S Microbiolo
gy/Plant Pathology
ChinnRingridiLeeMBSc e v oo Do U o T L TR e B Geology
CluerSRuannellZeighSBSCEE S uis e o | Gilo s il DRl sR s L e o JTSIETNE (R Hydrology
Cochlovius;*Karen:Ingrid; BSct # 7. . . | | .|~ MEat S o wie v WleE. | . e T Geology
Cookeâ¥Susan CatherinelldaBSC: . - ov R e S pdleime vl Chemistry
Cooperilianne Shaye SBSCH & . - -0 DL oo U s e s Geology
Crook;FashleightMaerene,"BSc o @ neimty .â« nacui 0 00 e il b o el N Genetics
Daveyâ@lenniferyAnnelBSCI v 0 o oS0 ciate b o R R DL . Geography
Dawe; AnnaiMarie dBSCTHDE - - =t i i i i nn s DO SRS R Physics
Dely;Hennifer; [Cynne S BScFissi It (i o Tha w0 - D P St e SieenaRl . GANIESL Geology
Dennehy #KeviniMichael: BSc * 450 Suiiia s eoeon ammsiiaaiin . o Biochemistry
Dudleyâ¥BartyaThomasTBSCE = 8 o7h v & v o 00 e s e Microbiology/Plant Pathology
duiToitâ¥ltindsey JaneliBSc - 0 .ot G0 Sl A S G e e Microbiology/Plant Pathology
DuxburytKaren'Jane "BSct0l o e i e oo Zoology
Els Slfeonard Edward @BScil e i g i o o o e SR s i Computer Science
Feltham Nicola Frances â@BSct . ! IS Wl (0 30 s 0 sl 000 il s . S0 Entomology
Girdwood; Kim RoxannePBSce =, - o oS (0 i h L oaL s s AT Microbiology/Plant Pathology
Gounden; Nirmalas BScl e S M il e e 2 i il isudnly - e Biochemistry
Govender, Ursula:Penelope; BSc' ' . lile s 0 - e 0 Sonamm e e e 2 Chemistry
Harper;â@lodiefAnnelsBSci il B e - s wiain . sn L L Lo o R S S N Genetics
â\200\230Holls, Brendan Christopher; BSc. . .8 vl aRGe 0 0 L nt D ieina L N Hydrology
Horn\$MichaelSBSCI e o oo 4 o DL e S a0 R R Computer Science
Jarmain, Debra-Anne Cherelle, BSc Microbiology/Plant Pathology
KempPMarkBBSCECE ., 0 0 o B GSY b S o Chemistry
KerpssDuncantfamestMacKay, BSc - - v o0 e Bl L Physics
KittoMStephentMichaelBSc L, ST R S Entomology
KunziRichardiPetersRBSC = - - . L0 L s L R NN Hydrology

*
e AL an B S C e T o RS S e i S Biochemistry

JECESNZoctMarieBBSci St G L N PR e e i ks o Microbiology/Plant Pathology
PongSMarvinfames, BSci â\204ç .0 s Ton L LD T WREE PN e Chemistry
IMacphersonÂ¥Keith Ewen, BSc Â@ 000t to s tr) 0 <0 v o el SHEES Sames Computer Science
MigtinÂ¥DarriniPatrick,dBSc? = L i tnna it L, L TR R S e Genetics
MasosPauldHenryI IBScE. Tn @ L5 00 iy (s o0 SRR R S Chemistry
Miauribungirire,'Moses; BSC(R-A.U:) .. .t ... 0L 0 0 RS S e Zoology
AMcAlisterÂ@BrendalGay BRSCES Â«min s b Â£5 % e Rl cn s n B DS T e S A Botany
McKenzie, Peter John Campbell, BSc Computer Science
Mendes, Francisco Gil Rodrigues, BSc Microbiology/Plant Pathology
MilsteinÂ@ShelleyfReinette; BSc,/ HDE * . . . \ . . . 4.4 . v vews G Botany
IMSibidlfeonardÂ@inda,fBScr * Â« . %% LL LL sa L L L o R S e Chemistry
INaidooMCrystalPANusha; BSc = &Â« % Lo 1% L S L0 s TR Microbiology/ Plant Pathology
NichollsÂ@Richard'Douglas, BSc " * & L% 5. s ssio ians TRk S Geology
Nomandela, Zinkosi Simon, BSC(UNITRA) v vt e i, Zoology
Ntuli, Nkosinathi Bhekukwenza, BSc Microbiology/Plant Pathology
OrpenÂ@ElizabethilZeslies BSc * % " =% . L 0 L o R . Biochemistry
Pankhurst*RowenaiAudrey, BSc: * . . & L. L o il nene . SRS RS Genetics
PeartonÂ¥Davidonathan, BScâ\200\231 * &+ i v st lo s T e e Biochemistry
PrabdiialSNishifBScER = @ L r L i e s e T Microbiology/ Plant Pathology
QuickeÂ@BrianJonathan, BSc: . . % 5. L. c.isvis o e SR S B Chemistry
RamsdenÂ@MarkeAndrew,iBSc' * . . ~ L n s s B R R A Biochemistry
RijkenbergitMichelle/Jacqueline, BSc.Â@ Â@ & % i %5ttt s s oo L e SRS R Botany
Saunders; Kay Amanda, BSc s Microbiology/Plant Pathology
SunpsomteRichardRyder, ' BScâ\200\235 * 7% < (... .. L 10, T At RS T R Geology
SmithÂ@EIsieâ\200\231Carolyn' Ann, BSc, HDE5 0 0t n sy Lo s S S Botany
SomaroofShyamalSewlal, BSc i ./ % o oo s am e e S ol R Physics
StewartÂ@Davidâ\200\231Anthony Brian, BSc * % 00 L B Entomology
StewartÂ@KatharinaÂ@Â@BSc: % . e er 0 L dun s R kb GRS T R Computer Science
StewartBRosanney BSc â\204ç "7 n i Lo s e aamg e R TR R R Computer Science
SteynSShelleyBSc R mit . L8 d s N S R Geology
SteytlerÂ@NicholasiSean /BSc 5 .t n 2t 4 p it R R G e S T Entomology
SGoudPEvelyn Yoyl BSCÂ@ = v % LA h et L el i Rt s s R S Biochemistry
fRalbotNGrahamlArthur, BSc? 1 4% 7% - 00 5 L L L e R e e S Geology
[laylorSMichelleFAnnelpBSc . hr = - e i o v d g pa el n i e S Microbiology/Plant Pathology
iiaylopSRichardÂ@BrianÂ@Â@BSc & . . . 0. o ne e e e N R e Chemistry
vandBlomestein @ Bradley Tan, BSc. . 7. . . (L L L L e N Geology
vanlCollesBIEvnniMary /BSc! = Ti ' @ o e e A s e e Applied Mathematics
vantdesdlfindeâ\200\231#PhillipiDouglas, BSc/ & . & 5 5% L0 L L Biochemistry
van Hardenbroek van Ammerstol, Nathalie Solange, BSc00..... Genetics
(Warburton; Nicola'Rachel, BSc- 5 - o o e e e Genetics
IWardNfanyallfeighBBSc * = 1 v s e R L Geography
W ood AN el L ara B SC T e Chemistry

Degree awarded in the first class

BACHELOR OF SCIENCE IN AGRICULTURE

Discipline

Adamâ\200\231\$Robert Craigmile " & (0 L LA e Agricultural Production
A A R am i b i Crop Science
AnSerInoEStephen David: . L . L Horticultural Science
Banks, Allister John AN Ak AL R R Agricultural Production
BarlowXGeorgelRichard " * + . . . f i it nn N A S Agricultural Economics
BamisleYOkevinIMarkd Â@ 1= Â@ Lt L i OTe S O Animal Science
Braithwaite, Andrew Derrick Williamot .. Agricultural Economics
BrettSMichaelfAndrew: <4 0 o . 0L DL L aan e Agricultural Economics
CaskierRObeSCraig R - . B e Agricultural Economics
ChapmanÂ@leigh Christine: . . - ..o @ L R T e, Agricultural Economics

Cole. Miche lle: i gt ok sl o Db v avmns s 0 0 i e i Animal Science

ColyinaBimothy John g3 . o2 .. oL ol o Do s dnn s e e Grassland Science

GorfeS MichaelBarry S on lbrdi  s S o e N Agricultural Economics

Cumming, David Edmund Alistair00 0ttt tnnnn... Grassland Science

Currie   CraighRobert SR 1 e 0L L L . Ll e s e e S R . - Biochemistry

IR IETNE o b o bndonmecior i N o500 Soil Science

dedWaal BrendatElizabeths . s it 0. - L L L L L LG s e Animal Science

DU DUt Ay e L L S Horticultural Science

EngelkeBRusse] 18P a v d o R R SR Horticultural Science

EvansENeiltSpencera BN Bt 8. 00 0 S LD s sl o e R Animal Science

Fearnhead BPetesiWhitney s s it e 0 . o0 o DL e Agricultural Economics

GerbergDavid Jang e sl st S s e s e Agricultural Production

GordijngRaulAlexanderieri e iniuiie e Do Agricultural Economics

GowerBCLntIATbert s e i e L S Grassland Science

@i, i IVEYS7 606600060060 0609056060006000006000000900906G0000600 Agrometeorology

Gushi{GilestlosephiGuimeys g S o Agricultural Production

Haddock Michelle Nicola & . - % "5l i ae oo oo e o e i e B S Animal Science

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Hinda SGottliebFabianus .~ W R0   . s DL e T L e e Biochemistry

TvySMarkePeterat s 80 5ot L oo o e Grassland Science

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Karamchandel RAMAULAT EINECTVANA T : L . . . o v o vvioie voios o oo e Buaihs ok oleohe e S

e S Genetics

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Robertson DavidiAnthony# e v = o e e e Grassland Science

Robertson SMalcolmbJohng e & 8o 0 o Horticultural Science

RoWeNSallyaErances e om0 L e R Animal Science

ScottSDuncantRobertS e Lt st o e e G Animal Science

ShawSDallasiGeorge el 8 e e O Animal Science

SmartSRichardiDanversiton g & e e o Lo L D Agricultural Production

SteynSBicrrelGeoffreylaely .. To0 Lo L s o s s Animal Science

(EiedemanniPAnetteRRINA . L o L e vt Horticultural Science

fhownsend \$RobertiEredericks -t o oe L0 o L S S i e Agricultural Economics

T e Al s cadn e e e S R e L, Microbiology

fhner StephenfBareysl Sie or 0 Ts oL L Horticultural Science

van der Sluis, Marjolein Susan Bernadette Horticultural Scie
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vaniDeventersMylesiConrad = o s e Animal Science

anderplank Gavini e B laiee S o L e Agricultural Economics

WatsonEMarkeSimongiieec s . i s L e e e Horticultural Science

WiehetlZagesse BRODert Patrick: i ool L 0 oo v o o e s Horticultural Science

IWilliamsSBret AndrewsRIERSS (U0t o0 L b e e b SN Animal Science

(WoodDavidiMichael o i Love o0 L e G e Genetics

Woodburn MichaelfRobert eas et vgne . - 0 2 M Agricultural Economics

YeatonSMarian Eracys e e ngiad. c . L s A SO S Horticultural Science

Degree awarded cum laude

Degree awarded with distinction in a major subject

BACHELOR OF AGRICULTURAL MANAGEMENT

Basel, Karl Robert

Bullock, Warwick Ivor,
Cognigni, Stefan Viero
Cunningham, Osment Philip
Curnow-Baker, John Ashton,
de Ravel de Iâ\200\231Argentier?, Paul
Gilson, Ronald Mark Desormeaux
Goble, Nicholas James Basil
Greig, Bruce James

Gush, Jonathan Stuart

Heenan, Guy Calvert

Degree awarded cum laude.

Henderson, Denis Vere Scott
James, David Nicholas
McMurray, Brett Gregory
Oldreive, Frank Philip William
Payn, James

Phipson, Howard Wray
Stead, Duncan Graeme
Stidolph, Alan Derek

van der Riet, Dion Felix
Wahl, Clinton Bruce
Wright, Bruce Nigel

BACHELOR OF SCIENCE IN DIETETICS

Burton, Elizabeth Ellen
Grobler, HuiabrÃ©
Hambleton-Jones, Nicolette
Harms, Susan Melanie
Hayward-Butt, Juliet Margaret
Joffe, Yael Tracy

Lilmohun, Reshmee

Maharaj, Ishana

Martin, Claire Juliet
Naidoo, Koobashani

Rusch, Angela

Spiller, Noreen Blair
Vezasie, Penelope Tracy
Withers, Catherine Joy
Zama, Zamekile Corene Lee

BACHELOR OF SCIENCE IN HOME ECONOMICS

Dludla, Nontando Ladylove
Langton, Sandra

Lawlor, Robyn Dee
Manson-Bishop, Susan Thelma

BACHELOR OF SCIENCE

Adey, Samantha

Aitken, James Maven, (Mathematics, Physics)

Armstrong, Shelley Ann
Bailey, Hazel Jane
Ballantyne, James Robert
Basel, Andr   Robert

Bayliss, Paul Spencer

Bean, Andrew Hugo Baillie
Biggs, Coleen Leslie
Borchers, Heather Jean
Bromley, Megan Patricia
Brooking, Carol Jean
Biichner, Carla Louise, (Biochemistry, Genetics)
Cameron, Neill Angus
Chetty, Jairaj Vasudeva
Chetty, Thej

Chick, Katherine Louise
Clelland, Sandra Luischen
Conway-Physick, Jessica Ann
Cowper, Cynthia

Cox, Shannon Margaret
Cuthbert, Bridget Lynn

B Davies, Lisa Kathryn, (Computer Science,
Mathematics)

Deane, Felicity Clare

Denissen, Mark Warren

Derby, Portia Joy Penelope, (Economics)
Dunlop, Robert William

Early, Deborah Ang  line

Englund, Mark Wayne,

Evans, Jacqueline Diana

Ferguson, Michele Vivienne, (Botany, Zoology)
Firth, Sarah Elizabeth

Foulis, Sharon Jean

Fraser, Leigh Michelle

Frayne, Michael Timothy

Furniss, David Gordon

Fyvie, Mark James, (Biochemistry)
Gibson, Julie Anne, (Botany)
Glover, Tracey Robyn, (Chemistry,
Microbiology)

Govender, Gopaul Kanniappen
Govender, Nireshini

Grandin, Fulvio Nino

Grant, Deborah Lyn

Gray, Malcolm Glen

Griffiths, Joanna Mary
Grussendorff, Sharon Joy

Guthrie-Strachan, Jeffry James

Hall, Caroline Mary, (Genetics)

Hare, Peter Derek, (Biochemistry, Molecular Biology)

Hayes, Helen Mary

Heasman, Kevin Gerald

Heckroodt, Matthew Renier

Hennig, Conrad

Histed, Timothy James

Howard, Gail Patricia

Hughes, Gregory Owen

Hurry, Simon Boyd

Janse Van Rensburg, Danie Delaray

Johnstone, Anita Hope

Jolles, Philip Felix

Kadir, Waheeda

Kain, Russell Andrew

Kent, Jennifer Patricia

Lall, Fawzia

Lendrum, Graeme Leslie .

Letley, Jill

Lilleby, Lise Catherine

Lombard, Hendrik Johannes, (Computer Science)

Lubisi, Reginald Cassius

MacFarlane, Robert Jonathan

Maharaj, Hiren, (Applied Mathematics, Mathematics)

Manickum, Collin Krishna

Mban, Meera

McDuling, Natalie Ann

McNicoll, Lucille Janine

Meddows-Taylor, Stephen

Meyer, Robyn

Mills, Timothy James

Mkhwanazi, Alfred Junior

Mohanlal, Pramod

Mommen, Maurice Paul

Moodley, Derseree

Moodley, Mervlyn

Murray, Shane Louise, (Molecular Biology)

Naicker, Pavanandan Kista

Naidoo, Valerie

Ncube, Shadrack Senzo

Ndimeni, Pamella Bafikile

Degree awarded cum laude
Degree awarded summa cum laude

Neumann, Jodi Lee-Anne

Nkomentaba, Nomakhwezi Constance

Ntlhoro, Bernard Swaswa

Orrie, Shaleen

Osborn, Rae, (Entomology)

Padayachee, Karthigasen

Parry, Robyn Christine

Patrick, Darra Lotus

Pelissier, Gavin

Pidwell, Grant Bruce

Pillay, Surenthran

Rampersad, Anness

Rampersadh, Pradish

Roberts, Sharyn Susan

Rolando, Gayle Cynthia

Ross, Jonathan Anthony Genge

Schapers, Mark

Schmidt, Linde

Schreuder, Colin Paul

Sigalelana, Mpumelelo Morgan

Simmons, Douglas Deudney

Simpson, Andrew John

Sithole, Xola George Sibusiso

Snell, Christopher John

Sookraj, Roshan Harichand

Sturgess, Jennifer

Timm, Stuart Glen

Tscheuschner, Marlies Hildegard

Tukela, Sighamo Gavin

van Staden, Emesta Maria, (Mathematics,
Physics)

van Zyl, Douglas Dirk,

Vermeulen, Laura Anne

Vincent, Derek Geoffrey

Warwick, Barry

Wegg, Julie Lynne

Whitley, Nicola Susan, (Applied Mathematics,
Mathematics, Physics)

Whyte, Christopher Roderick

Williams, Natasha May

Wright, Caroline Jane

Yates, Michelle Joan

Yunnie, Clint Christopher, (Biochemistry)

Zondo, Sihle Theophilus

Major subjects which candidates have passed in the first class are shown in brackets.
Major subjects in which candidates have achieved distinctions are shown in brackets in bold
print.

DIPLOMATES

POST-GRADUATE DIPLOMA IN HOSPITAL DIETETICS

Basel, Helga Margret BSc Diet

Braude, Elizabeth Jayne BSc Diet

Burns, Penelope Angela BSc Diet

Fleming, Helen Rose BSc Diet

MacLeod, Jean Heather BSc Diet

UNIVERSITY FELLOWSHIPS

University Fellowships have been instituted in order to give special recognition to members of the permanent academic staff for distinguished work of special merit in their chosen fields. The standard of the work is judged primarily by publications and the contribution those have made in the particular field. Public presentation of work in the performing and fine arts may be regarded as equivalent to research and publications.

GORDON LINDSAY MACLEAN

Hardly a household does not have a copy of "Roberts's Birds of Southern Africa" 1935. The author of the latest and most thoroughly researched edition is Professor Gordon Maclean of the Department of Zoology and Entomology. Other books by Professor Maclean, including "Ducks of Subsaharan Africa" 1935 and "Ornithology for Africa" 1935 have established him as one of Africa's leading ornithologists. His research focuses mainly on the evolutionary adaptations of birds to the arid conditions of the Namib, Kalahari and other deserts.

Professor Maclean's outstanding research career has led to numerous papers in leading journals. This record has been acknowledged by his receiving the Gill Memorial Medal of the Ornithological Society of Southern Africa, his election as Corresponding Member of the Ornithologists' Unions of Germany and North America, and the award of a D.Sc. degree by this University in 1975.

Not only is Gordon Maclean a distinguished member of the Science Faculty and of the University, he is also a much loved public speaker and broadcaster. His unflagging good humour and sharpness of wit have turned many an arid zone into a flood of laughter. This award salutes a person who has contributed so much to science and who has brought science into the hearts of so many people.

CONFERMENT OF THE DEGREE OF
DOCTOR OF SCIENCE

honoris causa UPON

JACK VINCENT

Jack Vincent was born in 1904 in Richmond in southwest London. He was a pupil at Christ's Hospital, the famous Bluecoat School. He then went farming in various parts of southern England and, after he had emigrated to South Africa at the age of twenty, in the Natal midlands.

He had always been interested in nature and in natural history. In the 1930s he went with the well-known Admiral Lynes on a number of ornithological expeditions into many parts of west and east Africa.

During the Second World War he played an important role as adjutant in the Natal Carbineers. He was also awarded an MBE. Later he was selected as South Africa's appointee to the directing staff of the Imperial Staff College in the Lebanon.

In 1949 he was appointed to head the newly created Natal Parks, Game and Fish Preservation Board. In the next fourteen years he and the ever-increasing team of officers that he trained made the Natal Parks Board into an impressive and influential organisation that is recognised worldwide. Various conservation ordinances were drafted; funds were raised and new reserves were acquired; research was undertaken; opposition from farmers was resisted and countered; and wildlife conservation was carried out on a wide range of different fronts.

In 1963 Colonel Vincent took up an important post in bird conservation at the Switzerland headquarters of the International Union for the Conservation of Nature. He achieved a great deal there, but after four years he decided to return to Natal, where he again did crucial work for the Natal Parks Board. He retired in 1975.

The University of Natal honours Colonel Jack Vincent for his achievements in many fields of wildlife conservancy, but above all for his historic work in the creation and extension of the Natal Parks Board.

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Natale solum canimus

O vivas, in aeternum, vivas,
Alma mater, quae nos ditas,
Fove serva protege

Hic juvenes addiscimus

Hinc etsi nos discedimus
 Scottarum rus meminimus
 Ad Umsinduzi tendimus
 Mentisque saltem vertimus.

GAUDEAMUS IGITUR

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

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

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

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

Vivat et respublica. et quae illam regit: (Rep)
Vivat nostra civitas. Maecenatum caritas. -
Quae nos his protegit. quae nos hic protegit.

Pereat tristitia, pereant osiores, (Rep)

Pereat diabolus, quivis antiburschius,
Atque irrisores, atque irrisores.

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