

UNIVERSITY OF NATAL

GRADUATION
CEREMONY

1978

FRIDAY 5th MAY
8.00 p.m.

PIETERMARITZBURG

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UNIVERSITY | AR /.z,/â\200\231/g

OF
NATAL

ARCHIVE" i

PROGRAMME

The Chancellor constitutes the congregation

PRAYER

Prof. V.J. Bredenkamp
B.A.(Rhodes) M.A.(Oxon) M.A., Ph.D.(Princeton)

WELCOME TO GUESTS

The Vice-Chancellor

PRESENTATION OF THE GRADUANDS

The Deans of Faculties

THE UNIVERSITY CHOIR

Conductor: Mrs Pessa Weinberg
B.Mus.(SA) L.T.C.L.

iFobhenHilis And The Valesy. Â£ 7 oi Tin e tu i i Henry Purcell
Rick#FANBAL RO M@0 Tton I s a0 Wgy Adapted and arranged
by Robert de Cormier

THE ORATOR PRESENTS THE HONORARY GRADUAND

James Edward Vanderplank
Doctor of Science in Agriculture

INTRODUCTION OF GUEST SPEAKER

Vice-Chancellor

ADDRESS

Dr J.E. Vanderplank
M .Sc.(Natal), M.Sc.(Rhodes), Ph.D.(London).

The Chancellor dissolves the congregation

Refreshments will be served in the William Oâ\200\231Brien Dining Hall after
the ceremony.

The congregation is requested to stand while the academic procession enters
and leaves the hall

The taking of photographs during the ceremony is not permitted.

OFFICERS

Chancellor: B.A. Armitage
L.D.S, R.C.S.(Edin.), L.R.C.P. & S.(Edin.),
L.R.F.S.P.(Glas.), F.R.C.S.(Edin.), M.D. (Honoris causa) (Natal)

Vice-Chancellor and Principal: N.D. Clarence
M.Sc.(S.A.), M.A (Cantab.), Ph.D.(Natal) F.Inst.P.

Chairman of Council: L.S. Robinson

Vice-Principal: G.D.L. Schreiner
B.Sc.(Witwatersrand), M.A., Ph.D.(Cantab.)

President of Convocation: P. Poovalingam
B.A.(Natal)

Orator: J.V.O. Reid
M.A., B.M., B.Ch.(Oxon.), F.R.C.P.(Lond.)

Registrar: A.K.B. Skinner

DEANS OF FACULTIES

Agriculture: W.J. Stielau
M.Sc.Agric.(Natal), Ph.D.(Calif.)

Education: A.M. Barrett
B.A.(S.A.), M.A (Cantab.), M.Ed.(Natal)

Science: D.R. Hunter
O.B.E., M.Sc.(Lond.), Ph.D.(Witwatersrand) F.I.M.M., F.G.S.

BACHELOR OF SCIENCE IN DIETETICS

Mokoena, Grace Mapaseka
Sebopa, Pauline Monene Nkone
Shepherd, Margaret Irene
Tainton, Rozanna Joyce

Adamson, Rowena Diann

Etter, Heidi-Lee

Hlatshwayo, Thabisile Audrey
Mannion, Jane

Mason, Charlotte Marie Festing

BACHELOR OF SCIENCE IN HOME ECONOMICS

Teichler, Carol Ingrid

BACHELOR OF SCIENCE

Aalbersberg, Yvonne Karin

Abraham, Carilyn Irene

Aken, Mark Ernest

Arnold, Christopher Garstang

Baker, Gregory Willoughby
Balfour-Cunningham, Anthony
Bampton, Ian

Baxter, Rodney

Blankley, William Oliver

Bolton, Leonard John Byrne

Brown, Ann Florence

Bryce, Andrew Muir

Bryson, Iain David Walker

Bull, Thomas Ivan

Carlisle, Mathew Benedict

Carr, Benjamin Alan

Clacherty, Alistair John

Coghlan, David St John (Biochemistry)
Conlong, Desmond Edward

Cooper, Michele Elaine

Cornelius, David John

Cyrus, Digby Paul

Davies, Douglas Alastair

de Chasteigner du Mœ, Charles Philip Roger
Dewar, Neil :

Dexter, Timothy John

Dickens, Christopher William Spencer
Dix, Dudley Lester

Ducassee, Leigh Anne

Duigan, Nora Anne

Eggers, Sigrid (Mathematics, Psychology)
Flinn, Stephen Michael

Garmany, Frank McKeown
Gathercole, Patricia Sarah

Major subjects which candidates have passed in the First Class are shown after their names.

Godwin, Vivienne Nelly

Grayson, Diane Jeanette

Groenewald, Peter Bruce

Hall, Elizabeth Marion

Hall, Kenneth Edward

Halse, Margaret-Anne
(Microbiology/Plant Pathology)

Henning, Gail Marian Fearne

Hertogs, Irving Allen

Hopkins, David Glenly (Mathematics, Statistics)

Hosken, Elizabeth Donnithorne
Hucklesby, Penelope Irene
Hulbert, Louise Elizabeth
Iâ\200\231ons, Lesley Nina

Isherwood, Casper Hendrik Jacobus
Jamieson, Belinda Jane

John, Jennifer Rowena
Jordaan, Renier Elmar

Keegan, Arthur Brian (Botany)
Knell, Hillary Frances

Kriiger, John Ernst

Lawson, Ailsa Margaret

Levy, Alison Margaret

Lines, Stella Lucy

Lorentz, Victoria Mary
McCulloch, Beth

McDonald, David Jury
McGlashan, Roderick Ian
MacIvor, Keith Malcolm de Falloux
Marwick, Daryll Leigh

Millar, Ian Martel

Monberg, Christian

Wendy Anne Stacey, Nigel Arthur 200\230
:Jli(s,tl;gf,njohs AgdreW' Stoeckigt, Wolfgang Siegfried Arthur

Olver, Garry Llanyon Taverner, Susan Alexandra
Oosthuizen, Johannes Jacobus Loy Taylor, Anne Caroline

Ortmann, Marleen Elfriede Truran, Jerome Norman
Pitcher, Carol Anne Turner, James Walter Denis
Pitchford, Andrew Thomas van Heerden, Albert Lawrence
Protoulis, George van Meersbergen, Joan Mary
Randelhoff, Lee von Glehn, Frank Holger
Rayner, Marion Patricia (Mathematics, Statistics) Weekes, David Sydney
Robertson, Darrol Ian Wesch, Ashley Karl Graham
Saunders, Judy Ann Wilkinson, Peter Myles _
Schmidt, Peter Wolfgang Young, Christopher John (Physics)

Slade, Heide Jane Karoline
(Microbiology/Plant Pathology)

BACHELOR OF SCIENCE IN AGRICULTURE

Discipline

BaileysiMichaelEalllany i s i e Horticultural Science
BahrsePelen@anyii . = e i i e Sl T v e s e Microbiology
Blookless Dol aS kR o s R K i e P e P e Agricultural Economics
Boyd=sSharonvANNe = i r 0 e e e Horticultural Science
Butt=RobertiBouplase s e siiive sl L s U SN Animal Science
Cloete EMartindBatnacds c W e e e s Agricultural Economics
Dillon i RichasdibErancist e S s el iR e Agricultural Production
DodsworthjiGeorgerHunter: it = vl e e e e T Soil Science
EvansVichaelEBniansrs madasnta it d wluiiddh 0 0 oo e ST Animal Science
Eisher 2 EolinfRaymondif b ie fane il ol 0 S Plant Pathology
EortmannfiReinharddReimens sl ala sl g fe - v 0 i 0 i Agricultural Production
Galloway;sMichael [sindsaylf st it Mt coiedilid n e s o G Animal Science
Gilmous ohns@raham = 8- PaEieauit . 0 ol e, 1 o e e Horticultural Science
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Hansonflonathan David s st 2l Heuuias o0 Lo et Biochemistry
HanveysgBrvangAilistaine. i en B ch i B lE. Agricultural Economics
Hendry ENigelaStorerion. fenainsis Jogeeer - - R e e Horticultural Science
HeynsHlankRiodneyier st v Q@R Ol daisb bl & o e e Animal Science
KerrR@oling@Georges i a o (i in L g IGa . B L A Animal Science
Peisepang FKenBWalwynasoe - SeeiEiR e maliel - e Agricultural Economics
EloydSATnasMarniaterondims hiin, o2 g 0 0 R Biometry
PumsdenfGeoffreyiMarke g el e f i ke o 0 0 UL Animal Science
MarrieridiUnienyillesslcan-Erancoist Sei e saalt Â@ aie Ol e il Ol s BEE N Crop Science
Newmarchy BarnyiSawdenwsa i s At iimin B0 o 00 0 S sl e Animal Science

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NishetÂ¥DayidIAListains. - Femmia 80 o auiamoaiGie . "0 g il Plant Pathology

Nisbet Ilohn-Andrews et shde e SoR gl 0 L R e T R Crop Science
Peck.Over, Ralphie@Georpem i S s del bl imainl o0 o L Horticultural Science
PeceicaiiVianuel fulians " 45 S uoe ob e Wl . 8 Rl 00 O Animal Science

Major subjects which candidates have passed in the First Class are shown after their names.

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Senrodens DictterlineOdOR. o it iige i e e ariase g e g Agricultural Economics
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TR, S e o s el S i A SRR MR SR S e Agro-Meteorology
O Oy S S L e R L s i e e B e Microbiology
Witom, Remellldh et s ssimn b i it rEnr mpsaliels St e 0 Agricultural Economics

BACHELOR OF EDUCATION

Blacquiere, Arie, B.A. (Cape Town)
Buckland, Francis Peter, B.A. (Rhodesia)
Hardman, Stanley George, B.A.

Hart, Michael Travers, B.A.

Jury, Dudley Ronald, B.Sc.

Sanders, Ann Marie, B.A. (Rhodes)

BACHELOR OF SCIENCE (HONOURS)

Discipline

XA LhurstREdwandiGordon John, B.Sc. oo o o o s e Botany
Armstrongs GuysB ramwell B S e e e e Microbiology/Plant Pathology
BagetSmithhlclen N any N ewbold B S e e e Zoology
BledfordMEvaleElizabethiRiland iB.Se. . o . o o e Geology
BennyBRonaldikeith RIS cet: IR - T R e B T U Biochemistry
Bigos D ianaMiargaret B S et e e R R Chemistry
BristowMKeEithBlÂYeslieBrSc . . . T T A e Physics
Brown'S@hnistophelustinigBiSe: oo o b i n s e e Zoology
Burton Y ichae R oW and s B S o e . Mathematics
ButtomÂ@WilliamBRatsick@ ROy BAS e . e Psychology
@AinncrossSMIBIICOEBESE: 1 o 0 s eane s e e o el R o Geology
@andyRGeofireyaRatricks B Sc.oor - T SFE - ST L ST S8 LR R T T Biochemistry
GarterlicriesaSiBAS CRM N e N e e Microbiology/Plant Pathology
@onradiegEynnefDebrardBeSc e o i s SRR R T S S H B S Bl e Physics
@oyneBRodneyaÂ@eciliEBISc., 7 7P = TR L T e g e R s e e SRR Chemistry
DennillNGeoncerBentleyMBISclit i = et w . L T R e e Entomology
BardleyS@onmalgDesmond iBISC. f i . i e e Entomology
EmslicNevilledDesmonay BiScr sn oo oo s e e o LR e Chemistry
BrikssonRatrickd@GeorgedBiSc a0 e e e e e BT e R Geology
BusinessNBirendaBESCHE il ais /o F nL LD S R R R B e e R T Physics
GoedekePictmardBertram iBESc: it o o i TR T i Mathematics
CranthamRGeoffreydlugot BISciai s 00 v au i ool (o laia S0 ey i B B Danee Geology
BTl WAUIanESTewartifiBAST Â@ e e dhon bii on smangE L Microbiology/Plant Pathology
iRt attonMRichandiSydney BrSc - & . o e Chemistry
Heath WA lan@WAHlllEAMMEBISe = 0 0 o e Chemistry
Immelmangkeathleenlfconeney BiScii aA â\2027 S8 Sl saiaais ids o i il Botany
MeKnightg@laeWalllisonÂ@BISC e 0. . o b 0 il s s sl Biochemistry
MeakergNaroeanetlcans BiScham e cr 04 o oot & va i SRL - Dl Biochemistry
MeeraniiavcclagkÂ@ade sBES R (TR =W e u i e i e r s g e e Psychology
SOOI 7AbelhGraceÂ@BiSe. . F - ik o snemmeh 0 o e e e Botany
Raynerghiloward@William@BiSc . 0 10 - 2 s e e e Chemistry
ReidR@AcMBESCRBNER oo e s i e e L Botany

* Degree awarded in the First Class.

S, Nomme [RHe, BeSeS o Âç ooacnno0066606066560006000000500060000090680000 Biochemistry
Scoones, Brett Warren Hamilton, B.Sc.o i Chemistry
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* Wingfield, Michael John, B.Sc.....ooivinne Microbiology/Plant Pathology
Wl e, Devia Allesencer, BoSE: onoooooooooss00000000a006000060066000000000000000000000 Zoology

MASTER OF SCIENCE IN AGRICULTURE

Bantow RN lichacIBRONAIASBAS CHAIC T C R S E R PR S Entomology

I Er, Rebemt, BoSEAGNE: oocoenan0500000600060080000000000800609690056000000000 Crop Science

NlanningMDavidRS taceyMlan cMBES CHANC T G R R E R R R Crop Science

YO IREETeen, ILews ARINenT, B.SCAMMC: Â«aossoosscosannssossossoossoos Horticultural Science
MASTER OF EDUCATION

Discipline

BeelLTano ldWAl CxamndemBIVIES Gl (S TAY) S B Al S P PR R R Education

Wil kiansonSelonmEcyys AN ({1011 i i) S . e R R R Education

MASTER OF SCIENCE

Discipline

BaxterMRoden ckeMUnrayMBAS TN on A S crif s q i Zoology

Blackikicith&EdwandSBEScIElonst B e e v E0 Lo e S T e Physics

Äÿ Davits, Glymn Rewilane!, PIDLOEEL) ooocoeoscoassassansantoonsesss006060606600a0000c Physics

Greenshields, E. H. & Douglas, B. S. (1988) *Geology*

ElilditchREDwandiEEonc B RS AN S (B el O S Chemistry

Joubert @ han! e SRSt an RV il Ay B S T O TS e e Zoology

MeintjiesT Elsic@BIScEHons e s e e B i s e e e Chemistry

OlivieriGilliangManvaBiSc HOnSS S 0 Biealid . i e b R Chemistry

S mith WA l leen BR iob entat BRS L om S (618 2 0y R S P Botany

iBurneramesdRobertaBISchEllonses Wuiiiie La o o f den e o L L S Geology

EeWhitfield,AlaniKennethY BESCIElonss i ei e o e o e e Zoology

* Degree awarded with distinction

DOCTOR OF PHILOSOPHY IN THE FACULTY OF AGRICULTURE

. ' Bubb, Martin Owen, M.Sc.Agric.

Title: Studies on the structural and biological functions of the Cu3 and Cu4 domains of IgM. -

Kock, Schalk Willem, M.Sc.Agric.(Pret.)

Title: Estimation of carcass composition of beef cattle by the urea dilution technique.

Mackie, Roderick Ian, M.Sc. Agric.

Title: The ruminal metabolism of lactic acid.

Meaker, Helgaard Johannes, M.Sc. Agric.(Stell.)

Title: The importance of age at first calving, relationship between body mass and fertility and feeding systems on production in the beef female.

DOCTOR OF PHILOSOPHY IN THE FACULTY OF EDUCATION

Auerbach, Franz Egon, M.Ed.(Wits.)

Title: South African school enrolment patterns (1920/1970) and problems of early leaving in African, Coloured and Indian schools.

DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

Attwell, Charles Anthony Mallory, M.Sc.(Lond.)

Title: Reproduction and population ecology of the blue wildebeest *Connochaetes taurinus taurinus* in Zululand.

Channing, Alan Eric, M.Sc.

Title: Ecology and systematics of *Rana* and *Strongylopus* in Natal.

Craig, Adrian John Fergus Knott, M.Sc. (Cape Town)

Title: Aspects of the biology of the Red Bishop *Euplectes orix* and other *Euplectes* species.

de Waal, Schalk Willem Petrus, M.Sc., (U.O.V.S))

Title: The Squamata (Reptilia) of the Orange Free State, South Africa.

Gordon, Martin Ian, M.Sc.

Title: Quadrupolar relaxation for a 7/2 system.

Lastovica, Albert Joseph, M.Sc.(Ontario)

Title: Comparative studies on related free-living and pathogenic *Limax* Amoebae with particular reference to *Naegleria*.

Stiff, Anthony John, M.Sc.

Title: A calorimetric study of the interaction of $(\text{Pd}(\text{dien})\text{Cl})\text{Cl}$ with pyridine and selected nucleosides.

HONORARY DEGREE
DOCTOR OF SCIENCE IN AGRICULTURE

VANDERPLANK, JAMES EDWARD

Dr Vanderplank was born in Eshowe in 1908. After matriculating at the Durban High School, he entered the Natal University College and graduated with an M.Sc. degree in Botany. Four years later he obtained the M.Sc. degree in Chemistry at Rhodes University College and thereafter the Ph.D. degree in Plant Physiology at the University of London.

Dr Vanderplank commenced his services in the Department of Agriculture and Forestry in 1928 and was Chief of the Division of Plant Pathology in this Department from 1951 to 1958 and in the Department of Agricultural Technical Services from 1958 to 1962. In the latter year he became Chief of the Plant Protection Research Institute and in 1966 Director of such Institute, a post which he successfully held until his retirement in 1973.

The author of a number of books and the recipient in 1964 of the Medal of the S.A. Association for the Advancement of Science and in 1928 and 1948 of the Junior and Senior medals of the S.A. Biological Society, Dr Vanderplank is honoured for his contribution to plant pathology, his success as a plant breeder, and his standing, internationally, as an innovative thinker and scientist.

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RRRG

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UNIVERSITY PRAYER

Oremus:

Oremus pro hac Universitate:

Deus Omnipotens, cuius aeternam gloriam
caeli stellis fulgentibus semper enarrant, duc
nos, oramus, eisdem stellis ut omnes qui in hac
Universitate gubernant, docent et discunt vera
humilitate aeternam inveniant veritatem.

O Deus, Lux Mundi, Sapientia Aeterna. qui il-
luminat omnem hominem in mundum
venientem, da ut haec Universitas, veritatem et
lucem docens, thesauros scientiae plenos imper-
tiat, et quasi lucerna luceat in terra nostra ef-
ficiatque populo cor sapiens, mentem sanam et
voluntatem iustam.

Recordemur coram Deo Conditores et Benefac-
tores nostros:

Magnus es et laudabilis valde, Domine, Om-
nipotens Deus animarum et omnis carnis!
Gratias tibi et laudem agimus pro omnibus illis
Conditoribus, Benefactoribus et Praeceptoribus
qui ex hac vita excesserunt in Tuo servitio;
opere in terra consummato requiescant in pace.

Et da, Domine ut nos, exemplo eorum incitati,
bonum eorum opus fideliter continuemus.

Let us pray:

Let us pray for this University:

Almighty God, whose everlasting glory the
heavens declare with their shining stars, lead us,
we pray, by the same stars that all who govern,
teach, and learn in this University may, in true
humility, find eternal truth.

O God, Light of the World, Eternal Wisdom
that enlightens every man that comes into the
World, grant that this University, as it teaches
truth and light, may impart the full treasures of
knowledge, and be in our land a shining
luminary and inspire in the people a heart of
wisdom, a pure mind and a true sense of justice.

Let us remember before God our Founders and
Benefactors:

Great art Thou and very worthy to be praised,
O Lord, Thou who art the almighty God of
spirits and of all flesh! We render thanks unto
Thee and praise for all those Founders,
Benefactors and Teachers, who departed this
life in Thy service. Having fulfilled their work on
earth may they rest in peace.

And grant, O Lord, that we, encouraged by
their example, may faithfully continue their
good work.

Natale solum canimus

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

Stella aurorae signum Natale.

Hic juvenes addiscimus
Ad artes corda ferimus
Qui domus species sumus,
Quocumque nos dividimus.

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

Gaudeamus igitur, juvenes dum sumus; (Rep.)
Post iucundam juventutem, post molestam

senectutem,
Nos habebit humus, nos habebit humus.

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

Vita nostra brevis est, brevi 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 hic protegit, quae nos hic protegit.

Pereat tristitia, pereant osores, (Ri-201ep)
Pereat diabolus, quivis antiburschius,
Atque irrisores, atque irrisores.

R R R RS R R A R R S S S S S R A A R A S S S S S

Multicopy

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