

UNIVERSITY OF NATAL

GRADUATION
CEREMONY

1981

THURSDAY 2nd APRIL
8.00 p.m.

PIETERMARITZBURG

PROGRAMME

The Chancellor constitutes the congregation

PRAYER

Dr J. N. Jonsson

Dip.Th.(Spurgeons College). B.D.

(Lond.). B.A. Hons., M.A., Ph.D.(Natal)

WELCOME TO GUESTS

The Acting Principal

PRESENTATION OF THE GRADUANDS

The Deans of Faculties

UNIVERSITY CHOIR

(Drums: Emmerich; Trumpets: Jones, Warricker,

Lindsay, Boschoff, Irvine).

Conductor: Pessa Weinberg M.Mus. (S.A.).L.T.C.L.

SpanishifoyeDance s i Lames b Sle o os L o TR R Arr. R. Wagner

(BailefdesGaita)siis e 7o sbesebor Â£ 1 L B8 e sitanmrinon i S SoaE eSS OBIEE. S5 ST & F. A
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flcRVIac]zel MEREAE v e L Rl e e Y A PSR e L RS o e Beethoven

HONORARY DEGREE

The Orator presents the Honorary Graduand

Robert Craig

Doctor of Laws

ADDRESS

The Reverend Professor Robert Craig C.B.E.

B.D., M.A., Ph.D. (St. Andrews)

S.T.M. (Union Theol. Sem., New York)

Hon. D.D. (St Andrews)

Hon. LL.D. (Witwatersrand)

Hon. LL.D. (Birmingham)

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.

Only officially authorised persons are permitted to take photographs during the ceremony.

OFFICERS

Chancellor: B. A. Armitage
LID:SHIRIC:SHEdint), E'RICR: & S{(Edin.),
L.R.F.P.S.(Glas.), F.R.C.S.(Edin.), M.D.(Natal) honoris causa

Acting Principal: P. de V.Booyesen
M.Sc.Agric., (Natal), Ph.D.(Calif.)

Chairman of Council: L. S. Robinson
LL.D. (Natal) honoris causa

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

President of Convocation: M. J. Dubois
B.A. Hons., LL.B.(Natal)
Assisted by Mr J. G. Riekert
B.A., LL.B.(Natal)

Orator: M. M. Henderson
B.A. Hons(Rhodes), M.A.(Oxon)

Registrar: A. K. B. Skinner

DEANS OF FACULTIES

Law: J.R.L. Milton
B.A., LL.M., Ph.D.(Natal)

Science: S.E. Drewes
M.Sc. D.Sc., (Natal)
Ph.D.(Rhodes), C.Chem., F.R.I.C.

BACHELOR OF SCIENCE

Abrahams, Gemey Valentine
Auret, Colin Douglas

Barraclough, David Andrew (Entomology, Zoology)

Benic, Linda Mirjana

Black, Merton Alexander
Bohm, Margaret (Geography)
Bolt, Patricia Lesley

Bowland, Anthony Ernest B.Com.(Hons.) (Rhodes)

Bristow, Dennis Mark

Brown, Wendy Ann

Buchanan, Janet Anne

Chetty, Kamalassen

Clarke, Jennifer

Cluett, Alan Douglas

Cohen, Janice Adele

Cook, Elizabeth Louise

Cowie, Wendy Susan

Cranswick, Leigh

de Leeuw, Gerard

de Vos, Peter William

Draper, Susan Irene

Duff, Gavin James

Dustan, Elizabeth Anne

Emanuel, Bruce Philip

Erasmus, Duonne Matthew (Soil Science)
Fenelon, Janine (Chemistry)
Gibbons, Faye Carolyn

Griffiths, Martyn Fraser

Grout, Timothy Gordon (Entomology)
Gunn, Steven William

Hamilton, Rosemary Claire (Zoology)
Hancock, Michael Stanley

Harper, Ian Steward

Harries, Jennifer Sandra

Harrilal, Rishamoney

Harrison, Gavin Campbell Haddrell
Haupt, Lola Anne

Hawksworth, Jenny Lynn

Hay, Duncan Gilmour

Heath, Kathryn Elizabeth

Hedden, Amanda Rigsby

Hendrikz, Neil John

Houston-McMillan, Mark Stewart

Jay, Philippa Mariann

Johnson, Michael Bruce

Kennedy, Jane Mary

Kippen, Debra June

Kirkman, William Donald

Kohler, Susan Margaret

Learmonth, Robin Alec (Chemistry)

Lee, Ivan Godfrey

Levy, Clive

Macklin, Judy Grace

Maynier, Simon John

McGibbon, Carolyn Jane Dunton

Metherell, Aileen Denise

Meyer, Lorraine

Millin, Philip

Mitchell, Jennifer Jean

Mooney, Pauline Anne

Miiller, Marguerite

Murgatroyd, Eileen (Mathematics, Statistics)

Noel, Darwin John Robert

Osberg, Deborah Carol

Peddemors, Victor Marten

Perrett, Kim Roger (Chemistry)

Pitcher, Grant Colborne

Posthumus, David Humphries

Proctor, Brett Wayne

Raffray, Caroline Marie Valentine

Richardson, Susan Marjory

Robertson, Ellice Balfour

Rothschild, Gavin Paul

Sclater, Alasdair Duncan

Seagrief, John McGregor

Seligmann, Philip

Sewcharan, Rajkumar

Shawe, Judy Irene

Siedersleben, Matthias Ernst (Chemistry, Physics)

Simpson, Karen Elizabeth

Skelton, Constance Francis

Slatter, Anne Elizabeth

Slatter, Jill (Chemistry)

Smith, Carrie Roslyn

Smith, Sharon Lee

Stapleton, Carol Trudy

Still, Margaret Jane

Stuckenberg, Ingrid Cicily Dicta

Swart, Denis Edwin

Tate, Janet (Chemistry, Physics)

Tourle, Helen Margaret

Tunnington, David Phillip

Twaddle, Ian Gordon

van Eck, Colin

van Eijk, Karin

Veysie, Michael Clifford

Ward, Mark Charles

Weller, Ann Rosalind Mary (Physics)

Wells, Michelle Teresa Bernadette

Williams, Anthony Peter

Woods, Patricia Ruth

Wright, Janet Elizabeth

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

BACCALAUREUS PROCURATIONIS

Beer, Robert John Morgan, Deborah Louise
Hellhoff, Margot Ilse Smith, Laurence Owen
Houston-McMillan, Maureen Elizabeth van Rooyen, Peter Edward
Jugath, Anandhpal Lallay von der Decken, Brian Henry

Louw, Ren e

BACHELOR OF LAWS

Arnold, Anthony Christopher, B.Proc. Macnab, Guy Neil, B.A.

Bezuidenhout, Pieter Cornelius, B.Com. Overbury, George Leonard Strickland, B.A.
Braithwaite, Richard Lister, B.A. Perry, Richard John Stanley, B.A.

Briers, Margaretha Susan, B.A.(Pret.) Scott Barnes, Timothy Craig, B.A.
Campbell, Garry John, B.Com. Stewart, Roderick Alexander, B.A.

Carr, Johnathan Fraser, B.A. Stoppel, Peter Heinrich Gustav, B.A.
Foxcroft, Miles Paul, B.A. Tatham, Nigel Raymond, B.A. (Cape Town)
Hamilton, Bruce Graeme, B.A. Thakurdin, Rishi, B.A. (U.D.W.)

Harris, Mark Russell, B.A. van Zyl, Johan Frederick, B.A. (Rhodes)
Jaichand, Vinodh, B.A. (U.D.W.) Wallace, Patricia Anne, B.A.

Krog, Martin Willment, B.A. Weeks, Peter John Fraser, B.A.

Lee, Redvers John, B.A. Wood, Charles Barry, B.A.

BACHELOR OF SCIENCE (HONOURS)

Discipline

Ameers BatonkefBIS el SH0SERE e Uit L s e imen D s Chemistry
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Heatonby=Smith' ?Bryant@hanlcSBBISCI MR . . e Botany

L orsyth Y @larc TR S Cl iR S SR T e R L s e G B Botany
GardnersiMaroarctiRuth BISchfsast@iWutiies o l s ek T e e Geography
Graham  DeniscRivonne BB SCot o SRRaRRetll | . e e R Entomology

sl arman\$Viank@Alastaig Jamesy BISCRtmgegs . o e e Zoology
sl erbertyBanbaraglbucy aB S o e e e R Chemistry
HudseniNealePATan T BRSCHMpe B aaiiht gl ol o L s e Chemistry
TawinSDavideVivian SBISCREES (@ il St R L e e e ol Zoology
JoynersSylviatlean iB Scusfue S8 sl SRe gt Microbiology/Plant Pathology
King  blcanomMangarcta BEScr el Sletamig | o L el e das il S Zoology
KomenilorsiBSch(RVAUURN) Rt B i 8 e et Zoology
Kyriacou, Xenia' SophiaiBaSCHstawe (gamiet. 8 sl e Botany
Ifaing; MarkiDelmepe RIS s R Microbiology/Plant Pathology
le RouxgWilliamlohn  BIS A Sail Laslegl .   | . i s s e Psychology
Macleody Duncani Boardman  BISCRaRe SeRull - . o s e e Geology
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VarchantiilEesleyianeti BDixonsBIScHE SMueuigs = 0 .ot L e Entomology
Marotrlennifer ElaineegBeatnicet BaSch sl - - e e Geology
ERViantin  himothyAllohnSBIS CE B e e e s Zoology

* Degree awarded in the First Class.

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Discipline

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BysWinifredÂ@mnic, BESCTTRE. â\202\201 0L A A et astubeel Entomology
anpvkeFanlencloollctte SBISC. .. i A ree R e Y re N Zoology
WallaceNBriangWalter BiSe. = - o o (1) cwesbel ol Yo ppnsvesh lovibeis Chemistry
BatsonpaneaSandraIdBiSc: A e S 00 8 e T ST e Physics
M eilerNSolly:aBeSca | v b e dee eSO WY A i L) Gkl Biochemistry
[Wilkinson\$ReteraViylestiBiSe. o i e mei sy Teniaan L 2t s Microbiology/Plant Pathology
WilliamsÂ¥RosemanyiiB-Sc:. - Vi ae SaR . @ M danlluT st Rivedl asladul Botany
MurhvÂ¥Mangtluch â\204¢ B.Sc. 5. .. 0 ol s iban msibil . sonbnd 55 abdsrcunon tanol) Geolog
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Degree awarded in the First Class.

MASTER OF LAWS

Discipline

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y | Law

MASTER OF SCIENCE

Discipline

Austin, Nancy Flizabeth Hammar, B.A. (Colby College) Botany

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@Wouperthwaite ClivedDavidgBiSch B Ed e 4% 85 Srken? ob Â¢ Povty et vy Psychology
CvrusaichiPaulsBiSc: (HONS s s s thps b i Sopotheaat s b oo v i A0 Ss S0l S Zoology
GathercolettitudithiBeScii(Honsias s sdar dono oo e g B iy 00 8 oo Ll i Psychology
FangleysRobentiWilliamigBsSci(Hlonsi)ae s ot oo e 08 - 8l S g i e Botany
MackechnieÂ\$Brenda @B Sc (Elons)i itet Somose v i b ia 0 E Sl 0 S Physics

Smithyiannes M anaNoelle B S S OIS Botany

Steyn 3D anilegBISCr(Elons e = "o ol Bl i e Natural Resources

flaylorSRichardgEliltony BISci(Hons.): @0 e o Zoology

Degree awarded with distinction

Qualified as an Industrial Psychologist

DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

Discipline

SrmstrongitNevilleWaushantSVESe & 1 20, &l Tt e o 8100 el o by ey Geology
The Geology and Geochemistry of the Nsuze Group in Northern
Natal and the Southeastern Transvaal.

BernardfRichard Bthomas Einth dVESch e s e e i S nt gt S0 Zoology

Female reproduction in five species of Natal cave-dwelling

Microchiroptera.

Bourquin@Ontwin AMES'er St i - 1 e e Zoology

Biology of the Quail (Coturnix coturnix Linnaeus 1758). :

delbigueiredojlsabellMariaâ\200\231Braz, M Scy 7 v Er e o e R e e Physics

A theoretical investigation of differential light scattering.

Dippenaar;NicolaasiacobusHVIES coi e i s e

A taxonomic revision of the Monax-Dolichura, Luna-Fumosa, Glassi and Zaodon-Poensis complexes of Afrotropical Crocidura (Mammalia: Soricidae).

Horak\$lvaniGerand 3DAVaSclRre)iadat o v 0 Sia s 0 s

The incidence of Helminths in pigs, sheep, cattle, Impala and Blesbok in the Transvaal.

Kenmuir Â¥ aleRE aroldBS talfifiond MBS X (Rl 6 S) R s

Aspects of the biology and population dynamics of Freshwater Mussels in Lake Kariba and Lake Mcllwaine.

Kokhendnik@Natihe s BAS Cl ({6 S R S e

Ecological studies of some important fish species of the Pongola Floodplain, KwaZulu, South Africa.

McMahongMantingB Sci(Honss) 8 wdsat o s & Bl i el !

Cyclopentadienyl derivatives of Molybdenum (II) and Molybdenum (IV).

MiillerSEnitZ3E an'S) ip AR Ry s SR TIZ 1l Gl) R

Precise interferometric measurements of optical wavelengths.

SteenSNlicholasEavidR @A e RO G S S P

Metal Cluster compounds of Rhodium, Iridium and Iron.

von Bergmann, Hubertus Michael Dipl.Phys. (Kijel)

Photo-Preionization stabilized high-pressure glow-

discharge lasers.

Zelt, George Albert Daniel, B.S. (Utah State),

Magister and Licentiate of Philosophy (Helsinki)

A Geotraverse across Namaqualand, South Africa: the Petrology, Geochemistry, and Structural Relations of a Proterozoic High-Grade Metamorphic Terrain.

..... Zoology

..... Zoology

..... Chemistry

..... Physics

CONFERMENT OF THE DEGREE OF
DOCTOR OF LAWS
HONORIS CAUSA UPON:

ROBERT CRAIG

Robert Craig was born on the 22nd March, 1917 in Markinch, Fife, Scotland. He attended local schools and proceeded to St. Andrews University, graduating in 1938 with an M.A. in Philosophy, and in 1941 as a Bachelor of Divinity with distinction in Systematic Theology and the A.H. Johnstone Medal as the best student in the Faculty. He was appointed Assistant Minister of St. John's Kirk in Perth in that year, and in 1942 was ordained a Minister in the Church of Scotland. As chaplain in the 15th (Scottish) Division from 1942 to 1947, he served in Europe, Egypt and Palestine, and was mentioned in despatches during his service in Normandy in June 1944. In 1947 on leaving the army, he was appointed Honorary Chaplain to the Forces and spent 1947-1948 as Hugh Black Fellow in Systematic Theology at the Union Theological Seminary in New York, graduating from there S.T.M. magna cum laude, and later taking his Ph.D. at St. Andrews. After a period as deputy leader of the Iona Community he was appointed in 1950 to the Department of Divinity in Natal University, and to the Chair of Divinity in 1954.

From 1958 he was Associate Professor of Religion in Smith College, Massachusetts, whence he returned to Africa in 1963 to become Professor of Theology at the University College of Rhodesia and Nyasaland, being appointed Dean of the Faculty of Arts in 1966 and Principal in 1969, and first Principal of the University of Rhodesia in 1970, from which post he retired in 1980. A distinguished scholar and theologian, he holds honorary doctorates from St. Andrews, Witwatersrand, Birmingham, and in May 1981 will be honoured with an honorary doctorate from the University of Zimbabwe. He is now Minister of St. Andrew's Church of Scotland in Jerusalem.

Robert Craig is honoured by the University of Natal for his outstanding achievement in administering a multi-racial University with great skill and tact, and his significant contribution to tolerant human relations between the races and to the pursuit of academic work.

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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 illuminat omnem hominem in mundum
venientem, da ut haec Universitas, veritatem et
lucem docens, thesaurus 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, Omnipotens Deus animarum et omnis carnis!
Geratias 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.

UNIVERSITY ANTHEM

Natale solum canimus

Qui sol adest faustissimus
Almamque matrem dicimus
Aurorae Stellam colimus.

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
Mentesque saltem vertimus.

GAUDEAMUS IGITUR

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

senectutem,
Nos habebit humus, nos habebit humus.

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

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

Vivat Academia, Vivant Professores, (Rep.)

Vivat membrum quodlibet, vivant membra
quaelibet,

Semper sint in flore, semper sint in flore.

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

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

Pereat tristitia, pereant osiores, (Rep.)
Pereat diabolus, quivis antiburschius,

Atque irrisores, atque irrisores.

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uTeTeTuTelu e T e TutefeTeTutuTuuTuTutuTeTuTute e Tute e e T TuluTulul et utuTe TuTuTe TuTu
Tu PoTuTes

