

9241/4/14



UNIVERSITY OF NATAL

GRADUATION/DIPLOMA CEREMONY

1985

FRIDAY 26th APRIL

18h00

PIETERMARITZBURG



OFFICERS

Chancellor: The Honourable Mr Justice R.N. Leon
Q.C., B.A., LL.B. (Natal)

Vice-Chancellor and Principal: P. de V. Booysen
M.Sc Agric. (Natal), Ph.D. (California).

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

President of Convocation: J.M. Pet
Pr. Eng., B.Sc. Eng.(Natal)
M.S.A.A.C.E.

Orator: C.O. Gardner
B.A. Hons. (Natal), M.A. (Oxon)

Registrar: T.E. Cochran
B.Com. (Natal)

DEANS OF FACULTIES

Education: R.K. Muir
B.A., B.Ed., Ph.D. (Witwatersrand), T.T.D.

Science: R.J. Haines
M.Sc. (Natal), Ph.D. (London)

PROGRAMME

The Chancellor constitutes the congregation

PRAYER

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

THE UNIVERSITY CHOIR

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

Wachet Auf..... Chorale J.S. Bach

WELCOME TO GUESTS

The Vice-Chancellor

PRESENTATION OF DIPLOMATES AND GRADUANDS

The Deans of Faculties

THE UNIVERSITY CHOIR

Gabrielle, The Other Day Pierre Bonnet (16th Cent. French)
Resurrection Hymn (Uvukile)..... A. Maraïre

INTRODUCTION OF GUEST SPEAKER

The Vice-Chancellor

ADDRESS

C. van der Pol
B.Sc.Eng., Ph.D. (Witwatersrand)

The Chancellor dissolves the congregation

Graduates, Diplomates and their Guests in the Faculty of Education
are invited to refreshments and the Education Faculty Prizegiving
in the Students' Common Room of the Education Building after the ceremony.

Sherry will be served in the Old Main Hall, Old Arts Building, at the conclusion of the ceremony
and all Graduates in the Faculty of Science, their Parents and Friends are invited.

Diplomates

DIPLOMA IN SPECIALISED EDUCATION (SCHOOL LIBRARIANSHIP) †

Bawa, Rookaya, B.Soc.Sc.,H.D.E.

Govender, Krisna Marimoothoo

* **Hammond**, Jennifer Anne, B.A., U.E.D.

Harichand, Lakhi, U.D.E.

Jhagroo, Guruprasad, Dip.School Lib. (UNISA)

Maharaj, Ramkishan Srikishan, B.A. (UNISA)

McKenzie, Lorna Elizabeth, B.A. (UNISA)

Moolla, Mohammed

Naidu, Rubakanthan Kantharuba

Ndawonde, Hendricks Sandi

Ragavalu, Thangavalu

Rosário, Joy Geraldine

Singh, Bridglall Lutchman

Tweedie, Joan Kathleen, B.A., U.E.D.

* Diploma awarded with distinction.

HIGHER DIPLOMA IN EDUCATION (NON-GRADUATE)

Bowring, Laura-Jane, B.A.

Simpson, Jonathon Lloyd B.Sc.

UNIVERSITY EDUCATION DIPLOMA (POST-GRADUATE)

Anderson, Juliet Anne, B.A.

Bartlett, Deborah, B.Sc.(Rhodes)

Bell, Frances Mary, B.A.

Bertin, Margaret Lee, B.A.

Carter, Simon Robert, B.Agric.Mgt.

Cragg, Bernard John, B.A.

Graham, Michael Henry Robert, M.A.

(St. Andrews), M.B.A. (Cape Town)

Holmes, James William, B.A.

Kennard, Rowland Derek, B.Sc. (Hons)

Rushworth, Patricia Gail, B.Sc. Home Econ.

Stokes, Jacqueline Mary, B.Sc. Home Econ.

Trafford, Jonathan Geoffrey, B.A.

HIGHER DIPLOMA IN EDUCATION (POST-GRADUATE)

Anderson, Dorrian Joan, B.A.

Anderson, Scott Brian, B.A. (Hons)

Andrews, Glenda Lee, B.A.

Argall, Beverley Jean, B.Com.

Baber, Juliet Mary, B.A.

Balfour-Cunningham, Joan, B.Sc.

Balkrishen Totaram, Pradheep, B.Sc.

Bateman, Mary Anne, B.A.

Bax, Caroline Marie Chantal, B.Sc.

Baxter, Jennifer Margaret, B.Sc.

Behrens, Lynette Heidi, B.A.

Beesley, Sarah Jane, B.Sc.

Benzon, David Eugene, B.Sc.Agric.

Bowman, Margaret Elise, B.A.

Brann, Russell William, B.A. (Hons)

Bridglall, Sunil Sukrajh, B.Sc. (Hons)

Bruwer, Meleney Monica, B.A. (Witwatersrand)

Bufé, Chantel Susan, B.A.

Byrne, Robyn Elsie, B.Sc. Home Econ.

Cartwright, Susan Ann, B.Sc.

Chetty, Meera, B.A. (U.D.W.)

Chetty, Segaran, B.A.

Collins, Susan Margaret, B.A.

Cooper, Jennifer Margaret, B.A. (Cape Town)

* **Crossman**, Susan Pamela, B.Sc (Hons)

Dedekind, Deon Arthur, B.A.

Domleo, Anne Elizabeth Muriel, B.Sc.

* **Dore**, Jennifer Beryl, B.A.

Ede, Deborah Jane, B.A.

Ege, Dorethee Alma, B.A.F.A.

Eichstadt, Garth Stanley, B.Sc.

Elliott, Karen Jane, B.Sc.

Evans, Margaret Jean, B.A.

Featonby-Smith, Deborah, B.A.

Fitzgerald, Shan Jeanette, B.Sc. (Cape Town)

Fotheringham, Gareth John, B.Sc.

Fourie, Philippa Mary, B.A.

Fraser, Peter, B.A. (Hons)

Gard, Alison Maureen, B.A.

Gard, Julia Mary, B.A.

Gaydon, Paul Nicholas, B.Sc.
Hart, Lois Christine, B.A.
Haschke, Rüdiger Otto, B.Sc.
Hickling, Guy Robert, B.Sc.
Houston-McMillan, Mark Stewart, B.Sc.(Hons)
Howard, Patricia Anne, B.A.
Huntley, Peter Dyson, B.A.
Janse van Rensburg, Karen Louise, B.A.
Johnson, Ralph, B.D.S. (Witwatersrand)
 B.A. (Hons)
Joubert, Louis, B.A.
Joyner, Cynthia Ann, B.A. (Rhodes)
Kanzler, Arnulf, B.Sc. (Hons)
Keyworth, Penelope Ann York, B.Soc.Sc.
 (Cape Town)
Kirsten, Peter Johan, B.Sc.
Komen, Elodia Mathilde Elvira, B.A.(Hons)
Lang, Heather Jean, B.A.
Lauton, Avril Delaine, B.A. (U.D.W.)
Lottering, Eugene Antony, B.Sc.
MacDonald, Sarah Jane, B.A.
Maharaj, Kamla Devi, B.A. (U.D.W.)
Maharaj, Ommesh, B.A.
Maharaj, Umendra Shahdew, B.Sc.
Manning, Gail Rose Hope, B.Sc.Home Econ.
Meiklejohn, Keith Ian, B.Sc.
Müller, Aletta Sophia, B.A. (Pret)
Murray, Releé Edith, B.Sc.
Nel, Adré, B.A. (Hons)
Niebuhr, Helga Brigitta, B.A. (Pret)
Noakes, Rhona, B.Sc.
Ntombela, Siphso Innocent Sydney, B.Sc.
 (Fort Hare)
Oliver, Suzanne Claire, B.A.
Phillips, Adrienne Claire, B.A.
Pridmore, Julie Theresa, B.A. (Hons)
Rable, Erika Elizabeth, B.A. (Hons)
 (Cape Town)
Reid, Angela Therese, B.A.
Rimbault, Linda Christine, B.A.
Röhrs, Ewald Ludwig, B.A.
Ross, Gavin Hugh, B.Sc. (Hons)
Schonau, Mark Peter George, B.A.
Shuker, Jane Ingrid, B.Sc.
Smith, Valre Ann, B.Sc.
Southwood, Susan Massingham, B.Sc.
Stephenson, Janet Frances, B.Sc.
Sugden, Jean Mary, B.Sc. (Rhodes)
Tarr, Tracey Lyn, B.A.
Tilley, Susan Mary, B.A.
Venn, Linda Joan, B.A.
Vincent, Andrew Clive, B.A.
Wearing, Michelle Vanessa, B.A.
Weaver, Simon John, B.A.
Whitehouse, Christine Mary, B.A.
Wilmot, Lynette Ethel, B.Sc.

*Diploma awarded with distinction

Graduands

BACHELOR OF SCIENCE

Aveling, Theresa Ann Sheila
Bates, Joanne Elizabeth
Beesley, Sarah Jane
 † **Bennett**, Alison Margaret Anne
 (Biochemistry and Chemistry)
Bennett, Andrew Leopold
Bien, Geoffrey Andrzej Frank
 † **Black**, Linda Jane (Biochemistry and
 Microbiology/Plant Pathology)
Brown, Gavin John
Blewitt, Mark Andrew (Applied Physics)
Brackenbury, Therese Denise
Bullock, Lynette Madoline
 † **Cadman**, Mandy-Jane (Botany)
Cocksedge, Thane Everard
Collins, Claudette Charmain
 † **Dale**, Heather Janet (Applied Chemistry
 and Chemistry)
Downs, Colleen Thelma
Dyer, Peter Ronald
Eagle, Matthew John (Statistics)
Fitzpatrick, David Christopher
Francis, Lucille Felicity
Frank, Leslie Garnett
Govender, Pramanathan
Grantham, Trevor Hyacinth Gabriel
Hamer, Michelle Luane
Hanssen, Mary Gayle
Haverly, Christopher Anthony William
Haynes, Ross Arthur
Heath, Gregory John
Heath, Michelle Angela
Hensman, Bridget Ann
Hiscocks, Kay Sheila
Hitchcock, Sarah Alice
Hoogendoorn, Bastiaan
Howard, Gerald James
Ismail, Feizal Haroon
Jamieson, Geraldine Margaret
Jardine, Malcolm Eric

Jerman, Nicholas Bruce
Khan, Abdullah Ali
Killick, Yvette Jennifer
Koch, Sherryl Anne
Lang, Linda Ann
Langley, Dillon Neil
Legg, Karen Jennifer (Applied Chemistry and Chemistry)
 † **Loizou**, Georgia (Applied Chemistry and Chemistry)
Macleod, Catriona Ida (Psychology)
McLuckie, Craig Stafford
McNeill, Patrick David
Melouney, Alison Coaker
Moodley, Logaspren Maduray
Moolman, Wessel Hendrik
Mostert, David Carl
Naidoo, Sagarán
Nänni, Rupert Frederick
Nevin, Catherine Jane
Nicholson, Robert Ian Denholm
Nozaic, Bruce Vivian
Nuttall, Richard Jolyon
Osborn, Jill Helen
Ovendale, Bruce
Pallett, Robert Neil

Ralfe, Alison
Rampersadh, Roshani Dharamchand
Richards, Harry William
Sandy, Margaret Carol
Scarola, Silvana Marietta
 † **Schauerte**, Anneliese (Mathematics and Statistics)
Scott, Heather Audrey
Settembrini, Luigi Rocco
Skottowe, Phillip Nicholas
 † **Smith**, Julie Ann (Computer Science and Physics)
Smithen, René Lee
Snyman, Willem Adriaan
Soni, Sadna Narbharam
Sowden, Miles
Speirs, James Thomas Maxwell
Thomas, Robert John Henry
Tychsen, Priscilla Frances Marjorie
Tyson, Dean Richard
Vietti, Andrew Joseph
Wallbridge, Tanya Lorraine
Waters, Merle
Webber, Richard Haydn
Williamson, Nicola Jane
Woodward, Charles David

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

† Degree awarded with distinction

BACHELOR OF EDUCATION

Botha, Susan Elizabeth, B.Sc., H.D.E.
Gordon, Richard Eyre, B.A., H.D.E.
Lawrence, Deanne Myra, B.A., U.E.D.
May, Sharon Lesley, B.A. (Rhodes), H.D.E. (Stell)
Mbeje, Isaac Beki, B.A. (Zululand)
Michau, Dale Gavin, B.Com., H.D.E.
Moll, Robert MacFarlane, B.A., U.E.D.
Mpumlwana, Nandisile Flavour, B.A., H.E.D. (UNISA)
Naiker, Arumugam, B.A. (UNISA)

Naidoo, Panjanathan Govindasamy, B.A. (UNISA) U.E.D. (U.D.W.)
 † **Oshry**, Catherine Margaret, B.A., U.E.D.
Patchay, Vishnu, B.A. (U.D.W.), H.D.E.
Satyapal, Aditi Nepunika, B.A., H.D.E. (Trinity College)
Singh, Aneel Kumar Shunker, B.Sc. (U.D.W.), U.E.D. (UNISA)
Thabethe, Bongani Vivian, B.A., U.E.D. (Zululand)
van den Aardweg, Elwyn David, B.A. (Pret) H.D.E. B.A. (Hons)

† Degree awarded in the First Class

BACHELOR OF SCIENCE (HONOURS)

	<i>Discipline</i>
* Abrahams, Gemey Valentine, B.Sc., H.D.E.	Geography
Armstrong, Wendy May, B.Sc.	Biochemistry
Bawa, Ahmed Cassim, B.Sc. (UNISA)	Physics
* Bayley, Arlene Diane, B.Sc.	Botany
Brand, Maja, B.Sc.	Chemistry
Brennan, Michael Brendan, B.Sc.	Geology
Brizzi, Riccardo Sergio, B.Sc.	Chemistry
Brown, Gavin John	Geology
Buchan, Alastair James Charles, B.Sc.	Botany
Carney, Michael Duggan, B.Sc.	Geology
Carter, Pauline Mary, B.Sc., H.D.E. (Cape Town)	Botany
Chamberlain, Vaughan Andrew, B.Sc.	Geology
Chater, Michael Rogers, B.Sc.	Zoology
* Chetty, Nithayanathan, B.Sc.	Physics
Chutter, Gillian Margaret, B.Sc.	Geology
Cooper, Gavin, B.Sc.	Geology
Coutinho, Teresa Ann, B.Sc.	Microbiology/Plant Pathology
* Croeser, Peter Michael Colville, B.Sc. (Rhodes)	Entomology
Crookes, Cheryl Ann, B.Sc.	Microbiology/Plant Pathology
Daniels, Craig Lee, B.Sc.	Zoology
* de Haas, David Walter, B.Sc.	Biochemistry
* Dickinson, John Richard, B.Sc.	Botany
Drewes, Annelise Karen, B.Sc.	Mathematics
* Edwards, Trevor John, B.Sc.	Botany
Finnie, Jeffrey Franklin, B.Sc.	Botany
Flett, John Adrian, B.Sc.	Chemistry
Garman, Brian Donald, B.Sc.	Microbiology/Plant Pathology
Gowdy, Angela, B.Sc.	Biochemistry
Heathman, Warren Zane, B.Sc.	Geology
Jay, Jennifer Anne, B.Sc.	Chemistry
Kaiser, Delene Anne, B.Sc.	Chemistry
* King, Richard Anthony, B.Sc.	Botany
Kreft, Anke Elke, B.Sc. (Stell)	Biochemistry
Lee, Ivan Godfrey, B.Sc.	Physics
Lennox, Cheryl Lynne, B.Sc.	Microbiology/Plant Pathology
* Machiné, Carla Bianchi, B.Sc. (RAU)	Zoology
McLennan, Stuart Ross, B.Sc.	Microbiology/Plant Pathology
Moolman, Juanita, B.Sc., H.D.E.	Hydrology
Robson, Gary, B.Sc.	Zoology
Selfe, Beverley Jane, B.Sc.	Botany
Shelver, Graham David, B.Sc.	Microbiology/Plant Pathology
Slinger, Jill Hillary, B.Sc.	Mathematics
Soobramoney, Shamila, B.Sc.	Microbiology/Plant Pathology
Sowden, Jennifer Ella, B.Sc.	Chemistry
Stormanns, Carl-Heinz, B.Sc.	Botany
Tarboton, Anthony Vaughan, B.Sc.	Psychology
Teixeira, Avelino Vergilio Gaspar, B.Sc.	Microbiology/Plant Pathology
van Niekerk, Keith David, B.Sc.	Geography
* Ward, David Mercer, B.Sc.	Zoology
Williams, Keith Raymond, B.Sc.	Biochemistry
Williamson, Cheryl Anne, B.Sc.	Geography

* Degree awarded in the First Class

MASTER OF EDUCATION

	Discipline
Pather, Govindasami, B.A., B.Ed. (UNISA)	Education

MASTER OF SCIENCE

	Discipline
c Anderson, Stuart James, B.Sc. (Hons)	Psychology
Bowland, Anthony Ernest, B.Sc. (Hons)	Zoology
c Duffey, Fiona Ann, B.Sc. (Hons)	Psychology
c Galloway, Nicholas Scott, B.Sc. (Hons)	Psychology
Groenewald, Peter Bruce, B.Sc. (Hons)	Geology
Hoole, Robyn Frances Anne, B.Sc. (Hons)	Chemistry
Houston-McMillan, Mark Stewart, B.Sc. (Hons)	Chemistry
Kilham, John Leslie Courtney, B.Sc. (Hons)	Geology
c Pillay, Yogapragasen Govindsamy, B.Sc. (Hons)	Psychology
Potter, Clive Michael Beresford, B.Sc. (Hons)	Zoology
c Schofield, Nigel Charles, B.Sc. (Hons)	Psychology
Sewcharan, Rajkumar, B.Sc. (Hons)	Microbiology
Skeef, Samuel Noel, B.Sc. (Hons)	Biochemistry
† Stuckenberg, Ingrid Cicely Dicta, B.Sc. (Hons)	Physics
Watson, Laurence Hedley, B.Sc. (Hons) (Rhodes)	Zoology
c Witney, Michael John, B.Sc. (Hons)	Psychology
c Qualified as a Clinical Psychologist	
† Degree awarded with distinction	

DOCTOR OF PHILOSOPHY IN THE FACULTY OF EDUCATION

	Discipline
Naidoo, Mogamberg, M.Ed. (U.D.W.)	Education
A critical study of the senior certificate examination of the division of Indian Education since the introduction of the system of differentiated education.	
Ngubentombi, Sidwell Vusumzi Sinda, M.Ed. (Fort Hare)	Education
Teacher Education in Transkei: a critical and comparative study of the evolution of selected aspects of its administrative, curricular and course structures as an indicator of future policy and planning in the provision of teachers.	

DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

	Discipline
Braack, Lawrence Edward Oliver, B.Sc. (Hons)	Entomology
An Ecological Investigation of the Insects Associated with Exposed Carcasses in the Northern Kruger National Park: A Study of Populations and Communities.	
Cyrus, Digby Paul, M.Sc.	Zoology
The influence of turbidity on fish in Natal estuaries.	
Featonby-Smith, Bryan Charles, B.Sc. (Hons)	Botany
Cytokinins in <i>Ecklonia Maxima</i> and the Effect of Seaweed concentrate on Plant Growth.	
Melis, Robertus Johannus Maria, Ir. (Wageningen)	
Hormonal regulation of tuberization of Cassava (<i>Manihot esculenta</i> Cranz).	
Page, Yvonne Margaret, B.Sc. (Hons)	Botany
The Regeneration of <i>Hypoxis Rooperi</i> S. Moore and Production of Hypoxoside in vitro.	

- Rogers, Kevin Hugh, B.Sc. (Hons)** Botany
The Role of *Potamogeton Crispus* L. in the Pongolo River Floodplain
Ecosystem.
- Sampson, Clifford Noel, B.Sc. (Hons)** Chemistry
The synthesis and reactivity of some dinuclear compounds of iron and
ruthenium.
- Vincent, Leszek Paul Doroszynski, M.Sc.** Botany
A Study of the interrelationships of some Natal species *Senecio* (Asteraceae/
Compositae).
- Ward, John Douglas, B.Sc. (Hons)** Geology
Aspects of the Cenozoic Geology in the Kuiseb Valley, Central Namib Desert.

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, thesauros scientiae plenos imperiat, et quasi lucerna luceat in terra nostra efficiatque populo cor sapiens, mentem sanam et voluntatem iustam.

Recordemur coram Deo Conditores et Benefactores nostros:

Magnus es et laudabilis valde, Domine, Omnipotens 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.

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.

