



UNIVERSITY
OF NATAL

GRADUATION CEREMONY

1976

FRIDAY 7th MAY
8.00 p.m.

DURBAN

UNIVERSITY
OF
NATAL
ARCHIVES

GRA1/2/1(d)

UNIVERSITY
OF NATAL

**GRADUATION
CEREMONY**

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8.00 p.m.

DURBAN

PROGRAMME

The Chancellor constitutes the congregation

PRAYER

Rev. P.L. Spencer, M.A.(Cantab.)

THE UNIVERSITY SINGERS

Conductor: Elizabeth D. Oehrle
B.A.(Hood College), B.A.Hons.(S.A.), B.Mus.(Rochester)
M.A.(Syracuse), F.T.C.L.

SANCTUS FROM MASS FOR FOUR VOICES . . . WILLIAM BYRD

PRESENTATION OF THE GRADUANDS

by the Deans

THE UNIVERSITY SINGERS

FATHER WILLIAM IRVING GIFFORD FINE
Words by LEWIS CARROLL
Accompanist Judith Tait

MUSIC, WHEN SOFT VOICES DIE LLOYD PFAUTSCH
Words by PERCY BYSSHE SHELLEY
Soloist Venetia Dawber

ALLELUIA from Mass LEONARD BERNSTEIN

ADDRESS

Professor H.B. Thom
B.A., M.A., D.Phil., D.Educ.(honoris causa) (Stell.)

The Chancellor dissolves the congregation

Organist: Errol Slatter

L.T.C.L.(London), L.R.S.M.(London), U.T.L.M.(S.A.)

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

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.(Natal) (honoris causa)

Vice-Chancellor and Principal: F.E. Stock
O.B.E., M.B., B.S.(Lond.), D.T.M. & H. (Edin.),
F.R.C.S., F.A.C.S.

Chairman of Council: L. S. Robinson

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

President of Convocation: G. R. Bond
B.Econ.(Natal), A.C.I.S.

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

Registrar: A. K. B. Skinner

DEANS

Architecture: L.T. Croft
B.Arch.(Liverpool), M.I.A., A.R.I.B.A.,
Dip.T.P.(Witwatersrand), M.S.A.I.T.P.,
M.R.T.P.I., Chartered Architect and Town Planner

Engineering: C.J. Fleming
Pr.Eng., B.Sc.Eng.(Natal), M.S.(Ill.)
F.I.C.E., M.I.Struct.E., F.S.A.I.C.E.
Chartered Engineer

Science: T.A. Villiers
B.Sc.(Hons.), Ph.D.(Lond.), F.L.S.

GRADUANDS

BACHELOR OF SCIENCE

Allan , Sylvia June	Mattushek , Mark Percival
Bailey , Arthur William	Michel-Smith , Wynsomme Edith
* Barnes , Paul Edmund	Moore , Patricia Eöa
Bolton , Sylvia Lenise	* Naudé , Jonathan
Brimelow , Sally Diane	Naylor , Alan Godfrey
(Chemistry) (Applied Chemistry)	Nyhuis , Catharina Marie
Brits , Rosemary Elizabeth	O'Donoghue , Darragh Evelyn Anthony Adam (Physics)
Brown , Dulcie Ada (Biological Science)	Olivier , Louise
(Chemistry)	Palmer , Anthony Riordan
Campbell , Joan Diane	Pay , Colin Charles
Chapman , Gary Stuart Gordon	Pepper , Trevor
Charoux , Marie Odylle (Biological Science)	Pretorius , Cornelius Charles
* Chrystal , Hazel (Biological Science)	Price , Gordon Vivian
* Claye , Caroline Jane	Price , Roger Rowallan Meredith
Cliff , Jeremy	Prior , Ian William
Cramer , Errol (Mathematical Statistics)	Reiche , Edward Bernard
(Mathematics)	* Reid , Murray Charles
Dold , Jennifer	Rierner , Kevin Louis
Dragsund , Brenda Shirley	Roach , Molly Ann (Physics)
Evans , Wallis David	* Roberts , David
Ferguson , Penelope Dianne	Robertson , Jeanette Mary
Franke , Leonard Diarmid	Rodman , Paul Jonathan (Computer Science)
(Economics) (Geography)	Rossouw , Barry Colin
Freeman , Kathleen Anne	Schaffer , Janet Louise (Psychology)
Grubb , Kenneth Benjamin	* Schmidt , Heinz Erich
Halley , James Graham	Scogings , Andrew John
Hannweg , Oskar	* Silbert , Michelle (Computer Science) (Mathematics)
Hobden , Paul Anthony	Simpson , Robert Bradford Sills
* Hodsdon , Peter James	Stallbom , Kevin Edwin
James , Garth Mason	Stansell , Robert Philip
Kint , Roland Jean (Chemistry)	Sutcliffe , Michael Oliver
Lamb , Margaret Caroline	* van der Riet , Malcolm Richard
Lamb , Nicholas Charles Joseph	van Niekerk , Eldridge Grant
Lambert , Gerald Thomas (Physics)	Visagie , Jan George
Leibbrandt , Noel Burchell	Watchorn , Marcus Barrie
Lipshitz , Howard David (Biological Science)	* Wilbrink , Frans Jozef
(Mathematical Statistics)	Wilson , Michael George Carey
McIlroy , Barbara Joan	Winter , Paul August (Chemistry) (Mathematics)

* Degree conferred *in absentia*

Major subjects which candidates have passed in the first class are shown after the names

BACHELOR OF SCIENCE IN ENGINEERING

	<i>Discipline</i>		<i>Discipline</i>
Archibald, David Alexander	Civil	Johnston, Gary David	Electrical
Barker, Ian William McIntosh	Civil	Keys, Patrick David	Chemical
Beckermann, Terence George	Civil	Küsel, Rolf Ludwig	Mechanical
† Bell, Athol Barton	Electrical	* Lee, Jonathan Anthony	Civil
Boerssen, Marthinus	Civil	Leibbrandt, Gary Colin	Mechanical
Brandse, Maarten Willem Johannes	Civil	Linnarsson, Göran Linnar	Mechanical
Brink, Neil	Mechanical	Liversage, Thomas Martin	Electrical
Brokenshire, David Alan	Mechanical	McDermott, Sean Robin	Mechanical
Brown, Gavin Richard	Civil	* Maarschalk, Henri Pieter	Civil
Cavanagh, Christopher Anthony	Mechanical	† Magnussen, Derek Alexander	Mechanical
Celine, David Harry	Electrical	† Marais, Vivian William	Electrical
* Charlton, David Harold	Civil	Martin, Glen Douglas	Civil
Coates, Richard John	Mechanical	Mendel, David Leon	Electrical
* Conway, Kevin James	Chemical	Mian, Franco	Chemical
Corbett, Bruce Trevor	Civil	Mingard, Trevor Anthony	Electrical
Cowan, Douglas John	Civil	Müller, Alan Clive	Civil
Cross, Brian Gordon	Electrical	Murray, Timothy John	Agricultural
Crossley, Wyndham Anthony	Electrical	Nomico, Stephen George	Mechanical
* Crowdy, Philip	Electrical	Norton, Hollings Grey	Civil
† Crutchley, Peter	Mechanical	Parvin, Christopher John	Civil
Cullen, Gavin John	Civil	Petters, Hilton John	Civil
Cutler, Rosemary Anne	Civil	Pollock, David Barry	Civil
† Davies, Lawrence Patrick Adrian	Mechanical	Raw, Anthony James	Civil
† Day, Peter William	Civil	Richardson, Keith Farquhar	Chemical
Deaconos, Christos Leonidas	Civil	Rodseth, Roald	Electrical
* de Kock, Neville John	Electrical	Rorke, Norman Michael	Electrical
Dicks, Anthony Roy	Civil	Rosewall, Warren James	Electrical
† Dixon, Michael John	Civil	Rudge, Robert William	Civil
* du Toit, Hercules Petrus Jacobus	Civil	Sander, Malcolm Glen	Civil
Duvel, Sieghard Ernst	Civil	Scholtemeyer, Leslie Francis	Civil
* Dyer, Robert Allen	Civil	* Schreiber, Trevor Edward	Electrical
Epstein, Jonathan Hugh	Electrical	Schroeder, Ronald Hermann Richard	Electrical
Erskine, Peter Charles	Civil	Scott, Ian Collin	Civil
* Ferguson, Nicholas Frank	Civil	Scully, Reginald	Civil
* Forbes, Donald Hugh	Civil	* Simpson, Christopher David	Electrical
* Fraser, Douglas	Civil	Slatter, Paul Thomas	Civil
Fulton, Curtis Neil	Civil	Sole, Peter Geoffrey	Civil
Garvie, Graham Charles	Civil	Stevens, Frank Brian	Civil
† Gathercole, Anthony Hounsell	Mechanical	Suter, Rodney Cecil	Civil
Giles, Harold Godfrey	Civil	Sweet, Randolph Philip	Civil
Glaum, Peter Keith	Electrical	* Sylvester, Neil Frederick	Chemical
Govind, Choonilal	Electrical	Taverna, Giorgio	Mechanical
† Hall, Brian Ernest	Civil	* Taylor, Raymond William	Electrical
Halland, Robert David	Chemical	Taylor, Robert William	Electrical
Hanham, Desmond Brian	Chemical	Thomas, Darryll Howard	Civil
Harbuz, Henryk Tadeusz	Civil	Titlestad, Peer	Civil
Hardman, Gordon Edward	Electrical	* Trebicki, Dominic David Prus	Civil
Harvey, Douglas William	Civil	*† Tredre, Peter Ford	Chemical
Hasluck, John Philip	Civil	† Washer, Robin Peter Newsome	Civil
* Hendry, Vaughan Laird	Civil	Watermeyer, Laurie Maitland	Mechanical
Holliday, John Cecil	Civil	Watkins, Paul Anthony	Civil
Hollow, Neil Patrick	Civil	Whitford, Kevin John Wilson	Civil
Hoole, Brian Christopher	Civil	* Whittingham, Brian David	Civil
* Horton, Stephen Eric George	Civil	Wise, Anthony Peter	Electrical
* Jardin, Jean Pierre	Civil	+ Wylie, Hugh Malcolm	Electrical
		Zietsman, Pieter Jacobus	Civil

† Degree awarded in the first class

+ Degree awarded with distinction

* Degree conferred *in absentia*

BACHELOR OF SCIENCE IN LAND SURVEYING

Cuninghame, Anthony Robert John
 Delgado, Peter Stanley
 *Dennler, Stephen Mark
 *Greening, William James Trevor

McQuoid-Mason, Timothy
 Pressley, Maurice Francis
 Vosloo, Peter

BACHELOR OF SCIENCE IN QUANTITY SURVEYING

Abels, Arnoldus Johannes Jacobus
 Barber, Rory Ewan
 Botha, Lee Gerald
 +Bowen, Paul Anthony
 Hanson, Michael Winter
 Hassett, Gordon Stanley
 Hope, Errol John
 *McCormick, Alan Ivor Cordner

McEvoy, Neil William
 Marshall, Brian James
 Moore, Brian
 +Morris, Gilbert Charles Edward
 Oram, Ian David
 Perfect, Frederick John
 +Taylor, Robert Gordon
 van den Heever, Jacobus Albertus

BACHELOR OF ARCHITECTURE

*Basckin, Jonathan Stephen
 Burkett, Fred George
 Coppola, Vito
 Daniel, Ivor John
 Hayman, Stanley Albert
 *Johnson, Anton Francis
 *Mac Garry, Kevin

Middleton-Simpson, John David
 Moull, Kenneth Frederick
 Platt, Robert John
 Rudolph, Andrew Sebastian
 Stapleton, Lindsay Robert
 Winter, John Howard Martin

BACHELOR OF SCIENCE (HONOURS)

	<i>Discipline</i>
Alport, Michael John, B.Sc.	Physics
Armstrong, Richard Austin, B.Sc.	Geology
Barnes, Gail, B.Sc.	Biological Science
Beck, Howard Anthony, B.Sc.	Psychology
Behrmann, Yvonne Louise, B.Sc.	Mathematics
Betterton, Eric Aidan, B.Sc.	Chemistry
Blades, Diane, B.Sc.	Mathematics
*†Butler, Beryl Claire, B.Sc.	Biological Science
Charlesworth, Edward Guy, B.Sc.	Geology
Cleaver, Colin Hilton, B.Sc.	Geology
Cockcroft, Victor Gavin, B.Sc.	Biological Science
Day, Peter John, B.Sc.	Geology
Durrad, Bryan Ward, B.Sc.	Geology
Harmer, Robin Edward, B.Sc.	Geology
Hatley, Raymond Keith, B.Sc.	Geology
Higginson, James John, B.Sc.	Mathematical Statistics
Hoare, Aideen Blanaid Catherine, B.Sc.	Biological Science
*Human, Dennis Rhodes, B.Sc.	Geology
Kruger, Floris Johan, B.Sc.	Geology
†Lamb, Jennifer Margaret, B.Sc.	Biological Science
*Liptrot, Mark Robert Michael, B.Sc.	Biological Science
*MacKay, Michael William, B.Sc. (Sydney)	Computer Science
Malone, Kevin Harold, B.Sc.	Computer Science
†Roberts, John Austin, B.Sc.	Mathematics
*Robinson, Richard Lewin, B.Sc.	Computer Science
St Clair, Marlene Cecilia, B.Sc.	Geology
*Syropoulos, Mark Angelo Edward, B.Sc.	Economics
*†Thompson, Mary Lou, B.Sc.	Mathematical Statistics
*Walker, David Andrew, B.Sc.	Mathematical Statistics
*Ward, Michael, B.Sc.	Geology
*Watkins, Gavin Graham, B.Sc.	Mathematics
Woodhead, Carla Jane, B.Sc.	Psychology

† Degree awarded in the first class

+ Degree awarded with distinction

* Degree conferred *in absentia*

BACHELOR OF SCIENCE IN CHEMICAL TECHNOLOGY

***Jonnes, David Sidney, B.Sc.**

MASTER OF SCIENCE

+Barker, Michael Dennis, B.Sc. Hons. (Rhodes)
Diab, Roseanne Denise, B.Sc. Hons.
+Linscott, Guy Richard, B.Sc. Eng.
McMaster, Lynn Dryden, B.Sc. Hons.
McQuillin, Kevin Bernard, B.Sc. Hons.
Moores, Phyllis Patricia, B.Sc. (Bristol)
Paige-Green, Philip, B.Sc. Hons.
+Rowe-Rowe, David Treloar
+Smith, Michael Trevor, B.Sc. Hons.
Tennent, Keith McClintock, B.Sc. Hons. (Stell.)

Discipline
Physics
Geography
Physics
Biological Science
Geology
Biological Science
Geology
Biological Science
Biological Science
Chemistry

MASTER OF SCIENCE IN ENGINEERING

***Baxter, Brian Thomas, Tech.Dip.(Hons.) (Loughborough College)**
Cook, Donald Somerled, B.Sc.Eng. (Cape Town)
Hatton, Trevor Alan, B.Sc.Eng.
+Levy, David Charles, B.Sc. Eng.
***Nurick, Gerald Norman, B.Sc. Eng.**
Smith, Graham Douglas James, B.Sc. Eng.

Discipline
Civil
Chemical
Chemical
Electrical
Mechanical
Mechanical

MASTER OF SCIENCE IN TOWN AND REGIONAL PLANNING

Bond, Stephen Leslie, B.Sc.
Cameron, John Kingston McGregor, B.A.
Hoogsteden, Christopher Charles, B.Sc. Sur., Dipl. Phot.
Widdowson, Brian Richard, B.Sc.Eng.

DOCTOR OF PHILOSOPHY IN THE FACULTY OF ENGINEERING

Brackley, Ian John Anscombe, B.Sc. Hons. (Nottingham),
Thesis: The Interrelationship of the Factors Affecting
Heave of an Expansive Unsaturated clay soil

Cramer, Larry Arthur, M.Sc. Eng.
Thesis: Industrial Application of Flotation Models

+ Degree awarded with distinction
* Degree conferred *in absentia*

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DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

Campbell, Glen Kerry, B.Sc. Hons.

Thesis: Nucleic Acid and Protein Metabolism
in Embryo Dormancy

Moodley, Kandasamy Govindsamy, M.Sc.,

Thesis: A comparative Kinetic Study of
some Complementary and Non-complementary Redox reactions

Muir, Michael Stilwell, M.Sc.,

Thesis: Investigations of the Fair Weather
Electric Field in the Atmosphere

Nicholson, Colin Gordon, M.Sc.,

Thesis: A Mechanistic Study of Some Rhodium (I) Complexes

Nolte, Margaretha Johanna, M.Sc. (Pretoria),

Thesis: Structures of Oxygen Adducts of
Rhodium and Iridium Complexes

DOCTOR OF SCIENCE

Vos, Gerardus Hubertus, Ph.D.

Thesis: Studies of Human Tissue Antigens and
Antibodies

UNIVERSITY PRAYER

Oremus:

Oremus pro hac Universitate:

Deus Omnipotens, qui stella, quae in oriente fulgebat, magos duxisti ut adorarent infantem in praesepio, duc nos, oramus, eadem stella ut omnes qui in hac Universitate gubernant, docent et discunt vera humilitate aeternam inveniunt 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 impertiat, 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 Conditore, 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, who by a star that shone in the east, didst lead wise men to worship the infant in the manger, lead us, we pray, by the same star, 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 ersi nos discedimus
Scottarum rus meminimus
Ad Umsinduzi tendimus
Mentesque saltem vertimus.

GAUDEAMUS IGITUR

Gaudeamus igitur, juvenes dum sumus;
Post jucundam juventutem, post molestam
senectutem,
Nos habebit humus, nos habebit humus.

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

Vita nostra brevis est, brevi finitur;
Venit mors velociter, rapit nos atrociter,
Nemini parcetur, nemini parcetur.

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

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

Vivat et respublica, et quae illam regit;
Vivat nostra civitas, Maecenatum caritas,
Quae nos hic protegit, quae nos hic protegit.

Pereat tristitia, pereant osores,
Pereat diabolus, quivis antiburschius,
Atque irrisores, atque irrisores.

DEAN:

"MR CHANCELLOR, DEGREES OF BACHELOR OF MEDICINE
AND BACHELOR OF SURGERY."

CHANCELLOR:

As first student is capped -

"I CONFER UPON YOU THE DEGREES OF
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

DEAN:

"MR CHANCELLOR, DEGREES OF BACHELOR OF
MEDICINE AND BACHELOR OF SURGERY UPON THOSE NOT PRESENT
WHO HAVE QUALIFIED FOR THE DEGREES.

CHANCELLOR:

" I CONFER THE DEGREES OF BACHELOR OF MEDICINE AND
BACHELOR OF SURGERY UPON ALL THOSE NOT PRESENT WHO
HAVE QUALIFIED."