



One Hundred and Thirty-Seventh Incaenia

Thursday, 19th May

1966

Lady Beaverbrook Rink

University of New Brunswick

The audience is requested to stand when the Academic Procession arrives, to remain standing until the close of the Prayer of Invocation, and at the close of Encaenia, following the singing of O Canada, to remain until the Academic Procession has left.

Music for the One Hundred and Thirty-Seventh Encaenia is by the Band of the Canadian Forces Base, Cornwallis, by kind permission of CAPTAIN J. M. PAUL, CD, RCN, Base Commander, Canadian Forces Base, Cornwallis, and under the direction of LIEUTENANT J. F. MCGUIRE, CD, RCN, LRAM.

Graduates, guests and the public are cordially invited to attend the Encaenia Tea on the Terrace in front of the Old Arts Building. In the event of inclement weather, the tea will be held in Lady Dunn Hall.

INTRODUCTORY MUSIC

Excerpts *Robert Farnon*
Folk Song Suite *R. Vaughan Williams*
Westminster Waltz *Robert Farnon*
Cornet Carillon *Ronald Binge*

ORDER OF PROCEEDINGS

Introductory Music

By the Band of the Canadian Forces Base, Cornwallis

Processional March

March Processional *Clare Grundman*
Chair taken by THE HONOURABLE JOHN B. MCNAIR, Q.C., B.A., B.C.L., LL.D., D.C.L., Lieutenant-Governor of New Brunswick and Visitor to the University on behalf of Her Majesty, The Queen.

GOD SAVE THE QUEEN

INVOCATION

By THE RT. REV. DR. C. T. BOYD, P.A.
Pastor, St. Dunstan's Church

ADDRESS OF THE PRESIDENT AND VICE-CHANCELLOR

COLIN B. MACKAY, Q.C., B.A., LL.B., D.C.L., LL.D.

CONFERRING OF HONORARY DEGREES

Candidates will be presented by R. E. D. CATTLEY, M.A.
Professor of Classics and Ancient History, Head of the Department, and University Orator.

To Be Doctor of Science

GERHARD HERZBERG

To Be Doctors of Laws

HENRY EUGENE MCKEEN

SISTER FRANCIS D'ASSISI

To Be Doctor of Civil Law

JOHN PARMENTER ROBARTS

To Be Doctors of Laws

SIR MAX AITKEN

GENERAL THE RIGHT HONOURABLE GEORGES PHILIAS VANIER

ENCAENIA ADDRESS

GENERAL THE RIGHT HONOURABLE GEORGES PHILIAS VANIER

PRESENTATION OF PRIZES AND MEDALS

By the President and Vice-Chancellor

PRESENTATION OF DIPLOMAS

IN SURVEYING ENGINEERING

By the President and Vice-Chancellor

CONFERRING OF BACHELORS' DEGREES IN COURSE

Candidates will be presented by the University Orator.

CONFERRING OF MASTERS' DEGREES IN COURSE

Candidates will be presented by W. C. D. PACEY, Ph.D., F.R.S.C.,
Professor of English, Head of the Department, and Dean of Graduate Studies.

CONFERRING OF DEGREES OF

DOCTORS OF PHILOSOPHY IN COURSE

Candidates will be presented by the Dean of Graduate Studies.

O CANADA

RECESSIONAL MARCH

Royal Pageantry *A. O. Davis*

Conferring of Honorary Degrees

Candidates Presented by the University Orator

(The English citations hereunder will each be followed by the words of the traditional Latin presentation)

GERHARD HERZBERG

to be

Doctor of Science

To the tributes of Societies, Academies, and Universities we are proud to add our own in honour of an outstanding savant, whose science, Spectroscopy, attains its tercentenary this year.

Director of the Pure Physics Division of the National Research Council of Canada, his articles are legion and, translated into Russian, Italian, Hungarian and Japanese, his books are classics. His Council's grant to this University has established a Spectroscopy laboratory: our own Dr. Verma has been, and is, his devoted associate.

Intellectually alone but never aloof, blending European decorum with North American bonhomie, this brilliant expatriate has proved a shrewd and inspiring Director. He assigns punctilious attention to his administrative duties, to his own projects, and to those of his post Doctoral Fellows, with whom a cafeteria lunch can become a searching seminar.

President-elect of the Royal Society of Canada, he is a Fellow of that more venerable Royal Society of London. With the mantle of Sir Isaac Newton about his shoulders, he is bringing to fruitful consummation—doubly fruitful since he is a vegetarian—the cosmic marriage of the Apple and the Spectroscope.

HENRY EUGENE McKEEN

to be

Doctor of Laws

"Whenever", runs *The Brunswickan* of 1910, "a few jovial spirits were to be found . . . you might be sure of finding Mac. He gained a well deserved place on the football team and took the greatest interest in all sport."

"Mac" McKeen he has remained and so has his active interest in sport. All golfers present will salute the veteran who at 74 last year "shot his age". All engineers will salute a Canadian whose firm has invaded the United States and set up a plant in South Carolina.

From the budding Engineers of his old university, whom he shrewdly endows, he seeks out but one quality, which is the root of his own success—ingenuity. In his own firm, where he now reigns as Head of the Wisdom Department, and the "Keen" is more prominent than the "Mac", he is credited with an aphorism which, though not definitely attributable to Confucius or McKeen, he utters at nine o'clock of a morning with electrifying effect: "Salesman who covers office chair instead of territory is bound to end up on bottom".

SISTER FRANCIS D'ASSISI

to be

Doctor of Laws

The fledgling nun from New England, whom the poor of her adoptive parish knew rather as an Angel than a Sister of Charity, had already written a thesis on religious liberty in Nova Scotia. Of her forty-seven years as teacher in the city and archdiocese of Halifax higher education claimed twenty-seven. Last year she retired as the second of two great Presidents of the only woman's university in Canada.

The Calendar of Mount Saint Vincent College is pure Tennyson in prose; and perhaps our learned archivist will one day explore another liberty: whether the author of *The Princess* inspired its foreword or, since dates permit, was by it inspired. None, of course but the suave Laureate, in his Victorian cocoon, could have written of

Prudes for proctors, dowagers for deans,
And sweet girl-graduates in their golden hair.

but, had he lived, he could have found a better, and a Canadian, model for his woman President. Sister Francis is a far maturer student of human nature than Princess Ida. True, both dominies could advise, correct, and guide their tender charges, but Sister Francis, although

Three times more noble than three score of men,
is no suffragette. Diplomacy, tact, and a rock-like patience have been *her* weapons and with them she has won her way whether in her own Faculty or—lone woman President—in the National Conference of Canadian Universities. Only when her dearest principles were at stake, the education of women for women's highest capabilities, did the opposition feel "that iron will, that axe-like edge unturnable", which has made Mount Saint Vincent the unique institution it is.

She has recently been awarded the highest papal honour given to women in her Church, the medal "Pro Ecclesia et Pontifice". Mr. President, I invite you to bestow on this dedicated scholar, educator, leader, and woman, our own highest honour. And let it be "Pro Educatione et Mulieribus".

JOHN PARMENTER ROBERTS

to be

Doctor of Civil Law

The Prime Minister of Ontario is a graduate of "Western" with Honours in Business Administration. He then attended Osgoode Hall and practised Law. But he is better known as the Minister of Education for Ontario who founded the Roberts Plan and who, as the leader of a powerful government, is seeing it decisively implemented.

Views do differ on certain of its assumptions, but none can doubt the wisdom of a province which faces the annual increase of 70,000 school children by building new teachers' colleges and trade schools, and allots vastly expanding aid to its growing family of universities.

For a man whose handshake, it has been remarked, communicates more than his speechmaking, what I have said is enough. His deeds speak more than his words or mine. I will only add how valued will be his comparison of our educational problems and how happy this university feels to enroll so devoted an alumnus of his own.

JOHN WILLIAM MAXWELL AITKEN

to be

Doctor of Laws

Sir Max Aitken, or to usurp a name long endeared to us—Max—is our late Chancellor's eldest son.

Born in Montreal, educated at Westminster and Cambridge, where he was a Soccer Blue, he went on to carve for himself no less than four careers. The first began in 1935 when he joined the R.A.F. Auxiliary, to become a deadly fighter pilot in the Battle of Britain, to command a night-fighter squadron and later the Strike Mosquito Wing, Norwegian waters. He was Mentioned in Dispatches and won the D.S.O., the D.F.C., and the Czech War Cross.

His second career was to sit for five years as Conservative M.P. for Holborn. The third has been to direct Beaverbrook Newspapers Ltd., which out-produce not only those of the acquisitive Baron of Fleet and Northbridge but also all the daily newspapers of Canada. The fourth is to champion and to excel in the

ancient and royal sport of sailing and the newer and noisier racing of power-boats. From the latter he now comes bearing his sheaves with him, after breaking a world record.

The virtues that shine out from these several lives are courage, leadership, determination, and an uncanny sense of direction. For the M.P. determination is probably the most desirable, although it is downgraded in other Parliaments to shutting eyes, ears, and nose and having a thick skin. For racing one must add a sense of direction. If it is prudent to know which way a yacht is pointing in mid-Atlantic, or two 50 h.p. diesels are hurtling a hull, it is vital to know which way a newspaper enterprise is heading with its 9 million circulation. Sir Max seems to know very well, and we here salute his leadership. But for pressing the attack by air, for leading flight, squadron, or wing, all four virtues merge inseparably and are indispensable.

Notwithstanding which, he is proudest of being, like his father, a Canadian citizen.

**His Excellency, the Governor-General of Canada,
GEORGES PHILIAS VANIER
to be
Doctor of Laws**

For the blending of two proud peoples into a nation single and harmonious, a world groping for patterns looks wistfully to Canada. In Canada, by God's beneficent grace, the world has seen, in many capacities, in war and peace, and for the span of a generation, a shining image of Canadian man and woman.

Our beloved Governor-General, whose spirit no battle wounds can crush nor years diminish, has throughout his manly career combined a soldier's devotion to duty with the dignity of a "grand seigneur".

At his side has been a consort as dedicated as he, as charming, and as beloved. Together they have demonstrated—more directly than a hundred commissions—how fruitfully can be wedded the two great stocks of this land. Abroad and at home, at Rideau Hall and the Citadel, in matters of State, in ministrations of charity, in every Province of this broad Canada, they have shown their feeling for the nation's life, their interest in its organizations, societies, and groups, and their love for its men, its women and, above all, its children.

We cannot, alas, each be the son of a French father and an Irish mother, or the scion of English forbears and the daughter of a French mother; we cannot all be so enviably at home in both tongues, or so admirably endowed for high office. But in our private lives we can, whether English-speaking or French, all seek the blessedness of the Vanier's family life, and pray for their religious faith, which serves its church but knows no barriers.

PRIZE LIST

1966

- Douglas Gold Medals*—best English essay submitted by an undergraduate
LYNDA ANN MUIR, Saint John, New Brunswick
CRAIG CAMERON MCLEOD, Fenelon Falls, Ontario
- Governor-General's Gold Medal*—outstanding student in Graduating Class
PENNY GAIL ESTABROOKS, Quebec, Quebec
- Lieutenant-Governor's Silver Medals*—highest standing in Final Year
- Arts—
MARY ANN PAMELA PACEY, Fredericton, New Brunswick
- Science—
PENNY GAIL ESTABROOKS, Quebec, Quebec
- Engineering—
PETER ARTHUR LEWELL, Lancaster, New Brunswick
- Forestry—
ROLAND KENNETH CARTY, Mount Royal, Quebec
- Law—
CHARLES DAVID HUGHES, Fredericton, New Brunswick
- Alumni Gold Medal*—most outstanding Latin scholar among undergraduates
GERALD PATRICK KELLY, Niagara Falls
- Business Administration Club Medal*—outstanding Business student
CHARLES FREDERICK WARD, St. Lambert, Quebec
- Canadian Institute of Forestry Gold Medal*—outstanding scholar in fifth year
Forestry
ROLAND KENNETH CARTY, Mount Royal, Quebec
- City of Fredericton Gold Medal*—most promising student in Forestry
BRIAN EVAN LAROCQUE, Glen Sutton, Quebec
- Ketchum Silver Medal*—best student in final year Civil Engineering
ALLAN COLVILLE GOLDING, Marysville, New Brunswick
- Canada Permanent Mortgage Corporation Prize in Mortgages*
CHARLES DAVID HUGHES, Fredericton, New Brunswick
- Bliss Carman Memorial Prize*—best group of six poems submitted by an undergraduate
BERNITA DAMERY HARRIS, Fredericton, New Brunswick
- Society of Chemical Industry Merit Award*
PENNY GAIL ESTABROOKS, Quebec, Quebec
- Canada Permanent Trust Company Prize in Trusts*
ERIC ANTHONY BOWIE, Toronto, Ontario
- Class of 1909 Prize*
PETER CHARLES HILL, Port Williams, Nova Scotia
- Dr. A. Wilmer Duff Prize in Physics*
DONALD JAMES BEYEA, Saint John, New Brunswick
BEATRICE IRENE MOORE, East Riverside, New Brunswick
- Archdeacon Forsyth Prize*—greatest proficiency in English literature
MARY ANN PAMELA PACEY, Fredericton, New Brunswick

I.O.D.E. Prize—highest standing in History 3010—The Second British Empire
 LYNN ANNE MACISAAC, Moncton, New Brunswick

P. M. Levine Memorial Prize—highest standing in third and fourth year Business Administration
 CHARLES FREDERICK WARD, St. Lambert, Quebec

Hebrew Scholarship of Fredericton—highest standing in Education
 ANITA JOANNE BOONE, Fredericton, New Brunswick

Brydon Jack Scholarship—highest standing in fifth year Electrical Engineering
 DAVID HARRY THORNE, Newcastle Creek, New Brunswick

Dr. W. C. Kierstead Prize in Philosophy
 FABIAN JOSEPH JENNINGS, Niagara Falls, Ontario

Law Faculty Prize—highest standing in third year Law
 CHARLES DAVID HUGHES, Fredericton, New Brunswick

Canada Law Book Prize—second highest standing in third year Law
 CHARLES GORDON SIMMONS, Summerside, Prince Edward Island

William Stuart MacFarlane Scholarship—highest standing in fourth year Latin and Greek
 NELSON JAMES ADAMS, Verdun, Quebec

N.B. Command Canadian Legion Prizes—highest standing in final two years of Physical Education
 DEREK ALBERT BULLARD, Scarborough, Ontario
 JENNIFER JANE ADAM, Pointe Claire, Quebec

David Smith Memorial Prize
 GEOFFREY LOUIS KENNEDY, Saint John, New Brunswick

John Stephens Memorial Prize—highest standing in fifth year Mechanical Engineering
 THOROLD STEPHEN GARTH MORGAN, Beaufort, Quebec

Fannie Velensky Prize—highest standing in final year Nursing
 ELAINE AUDREY MCEWAN, Fredericton, New Brunswick

Videto-Hadley Memorial Prize—outstanding student in Forestry
 ARNOLD THOMAS EASLEY, Bennington, New Brunswick

DIPLOMAS IN SURVEYING ENGINEERING

SAMUEL ADEJUMO ADEYEMO Ajegunle, Apapa, Nigeria
 EDWARD ALOFOKHA Yaba, Nigeria
 GLENFIELD CLAYBURTON BRAITHWAITE .. St. Andrew, Barbados, West Indies
 THEOPHILUS ALEXANDER EARLE Campbellville, Georgetown, Guyana
 DAVID WILLIAM FREDERICK Frenches, Kingstown, St. Vincent, West Indies
 ATHANASIOS MARTIN LUDIGO Buwenge, Jinga, Uganda
 FRANK LWEBUGH LUKYAMUZI Masaka, Uganda
 ABNER MOSAASE Maseru, Basutoland, South Africa
 SIKIRAT ADUNNI ODULAJA Lagos, Nigeria

CONFERRING OF BACHELORS' DEGREES IN COURSE

Candidates Presented by the University Orator

(Listed alphabetically, not by standing)

BACHELOR OF NURSING

MARION NORMA ALLEN	Gagetown, New Brunswick
SHERYL DAWN BARTER	Lancaster, New Brunswick
NANCY JANICE BELYEA	Hartland, New Brunswick
MARY ELIZABETH CAMPBELL	Fredericton, New Brunswick
SANDRA GAY ANNE CRANDLEMIRE	Fredericton, New Brunswick
JOAN ELAINE GARDINER	Woodstock, New Brunswick
JOY ELIZABETH GREER	North Hatley, Quebec
SALLY EILEEN KEITH	Sussex, New Brunswick
PATRICIA FRANCES PULLIN KRONAS	Montreal, Quebec
KATHRYN ELIZABETH FAWCETT LEWIS	Upper Sackville, New Brunswick
ELAINE AUDREY MCEWAN	Fredericton, New Brunswick
PAULA GERALDINE MAUND	Moncton, New Brunswick
RAYMONDE LEA PELLETIER	Fredericton, New Brunswick
BARBARA ELIZABETH SMITH	Fredericton, New Brunswick
NANCY CAROL WIGGINS	Fredericton, New Brunswick

BACHELOR OF TEACHING

Elementary

MARGERY BEATRICE BLAKNEY	Hillsborough, New Brunswick
MARGERY LYNNE BUSSEY	Saint John, New Brunswick
THELMA MAY EGGERS	Fredericton, New Brunswick
SYLVIA WINONA FENTON	Edgetts Landing, New Brunswick
HAROLD DOUGLAS PHALEN	Upper Coverdale, New Brunswick
MARY CHRISTINA REYNOLDS	Fredericton, New Brunswick
LINDA LEE VICKERS	Newcastle, New Brunswick

Commercial

JEANNE ELIZABETH MACDONALD	Salisbury, New Brunswick
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BACHELOR OF PHYSICAL EDUCATION

JENNIFER JANE ADAM	Pointe Claire, Quebec
JAMES DAVID BAIN	New Glasgow, Nova Scotia
HENRY CHARLES BALLEM	Summerside, Prince Edward Island
PETER MICHAEL BJORN	Montreal, Quebec
BROCK LEONARD BRADFORD	Deer Island, New Brunswick
DEREK ALBERT BULLARD	Scarborough, Ontario
ALAN DAVID BURPEE	Bathurst, New Brunswick
JOAN NORMA CARSON	Prince William, New Brunswick
ALLAN ROY CLARK	Greenfield Park, Quebec
ROBERT MICHAEL CUNNINGHAM	Montreal, Quebec
STEPHEN CHARLES DOTY	Hudson Heights, Quebec
JACK THOMAS DROVER	St. John's, Newfoundland
DONALD GORDON EAGLE	Halifax, Nova Scotia
ROSS FREDERICK EDDY	Sault Ste. Marie, Ontario
JOHN NELSON ELLSWORTH	Saint John, New Brunswick
TRUEMAN BUETTNER HIRSCHFELD	Dartmouth, New Brunswick
LEONARD REID HURLEY	Deer Island, New Brunswick
THOMAS LYMAN JARDIN	Wingham, Ontario
ROBERT ANDREW JOHNSTON	Renfrew, Ontario
META ROBENA KITCHEN	Fredericton, New Brunswick
NELSON DONALD LABOR	Fredericton, New Brunswick
BOYD ELLIOTT LEGALLAIS	Dolbeau, Quebec

ANDREW ELIOT MACDONALD	Fredericton, New Brunswick
DOUGLAS EUGENE MCGINN	Fredericton, New Brunswick
THOMAS LOUIS MCKENZIE	Red Bank, New Brunswick
WAYNE KEITH MACKENZIE	Truro, Nova Scotia
DWAINE ARNOLD MCLEAN	Woodstock, New Brunswick
ELDON RALPH MCLEAN	Bathurst, New Brunswick
MORNA ANNE MURRAY	Springhill, Nova Scotia
MARY JOAN O'CONNOR	Saint John, New Brunswick
ROBERT FREDERICK GEORGE PENTLAND	Verdun, Quebec
GEORGE ROBERT PIERS	Truro, Nova Scotia
JAMES RUSSELL RADCLIFFE	Toronto, Ontario
MARY CAROLINE SCARBOROUGH	Saint John, New Brunswick
MARGARET GERTRUDE SCOTT	Bathurst, New Brunswick
JAY PATTERSON SEWALL	Montreal West, Quebec
NOEL HOWARD VILLARD	Brownburg, Quebec
MICHAEL VERNON WARD	Windsor, Ontario
DAVID LESLIE WILCOX	Pennfield, New Brunswick
LARRY EVERETT WRIGHT	Canterbury, New Brunswick

BACHELOR OF BUSINESS ADMINISTRATION

MURRAY FREDERICK GEORGE BALL	Beauharnois, Quebec
AUBREY JAMES BEERS	East Saint John, New Brunswick
JAMES STUART BOLSTER	Marysville, New Brunswick
BARRY MERRITT COOPER	Montreal, Quebec
ALAN ROBERT CURLEIGH	Rothsay, New Brunswick
MARY LUCY DOULL	Lancaster, New Brunswick
DAVID WARD ENGLISH	Fredericton, New Brunswick
WILLIAM HARRY FREELAND	Quebec, Quebec
PRESTON EARLE HAWKINS	Fredericton, New Brunswick
PAUL GRATTAN HILL	Saint John, New Brunswick
BRADEN HARLEY JOLLY	Rothsay, New Brunswick
CHARLES EDWARD KENNEDY	Ottawa, Ontario
GARY WILLIAM LLEWELLYN	Fredericton, New Brunswick
JOHN GARNET MCCARTNEY	Toronto, Ontario
STEWART SYDNEY MURPHY	Fredericton, New Brunswick
GEORGE WAYNE NELSON	Sussex, New Brunswick
KENNETH STONELEIGH NICHOLS	Saint John, New Brunswick
WILLIAM RICHARD OZON	Summerside, Prince Edward Island
RONALD CRAIG PATSTONE	Westfield Beach, New Brunswick
JOHN COBURN ROBISON	Fredericton, New Brunswick
FRANK ALEXANDER RODGERS	Fredericton, New Brunswick
JAMES DANIEL SARGEANT	Fredericton, New Brunswick
JOHN HALIBURTON SHEPHERD	Lachine, Quebec
ALFRED JOHN SHORT	Port Credit, Ontario
THOMAS ROBERT STEVENSON	Fredericton, New Brunswick
ANDREW RICHARD THOMAS	Lancaster, New Brunswick
MURIEL ANN WALKER	Fredericton, New Brunswick
WILLIAM THOMAS WALKER	Fredericton, New Brunswick
CHARLES FREDERICK WARD	St. Lambert, Quebec
COLIN RICHARD WESTMAN	Westmount, Quebec

BACHELOR OF SCIENCE IN FORESTRY

JAMES MICHAEL AULD	Maple, Ontario
BARRY JOHN BEAUCHAMP	St. Rose, Quebec
GERALD ALAN BELL	St. Stephen, New Brunswick
JAMES ALEXANDER BENSON	Prince Albert, Saskatchewan
GLENWOOD LLOYD BETTS	Doaktown, New Brunswick
TERENCE GORDON BUDREO	Cheltenham, Ontario
MELVIN GEORGE BUSCH	Fort Francis, Ontario

ROLAND KENNETH CARTY Mount Royal, Quebec
 DAVID SINCLAIR CHRISTIE Fundy National Park
 GRAHAM GEORGE COCKSEGE Niagara Falls, Ontario
 CALVIN CONSTANTINE COTTERELL Jamaica
 BASIL BRIAN DELANEY Bay Bulls, Newfoundland
 MICHAEL JOHN DEY Longlac, Quebec
 CHARLES ALFRED DICKINSON Canterbury, New Brunswick
 ARNOLD THOMAS EASLEY Bennington, New Hampshire
 JOHN WOODRUFF FITCH Bedford Village, New York
 JOHN ARNOLD FOSTER North Bay, Ontario
 HAROLD WILLIAM LLOYD GILES Prince George, British Columbia
 CHARLES ALLAN JEFFREY Minitonas, Manitoba
 JAAN KULL Toronto, Ontario
 BRIAN EVAN LAROCQUE Glen Sutton, Quebec
 ROBERT JOSEPH LEBLANC Moncton, New Brunswick
 GEORGE CONRAD LEROUX Grenville, Quebec
 DONALD JAMES EVERETT MCCREA Stanley, New Brunswick
 JOHN KEITH MACKAY Woodstock, New Brunswick
 JOHN ARCHIBALD MCQUEEN Iroquois Falls, Ontario
 GEORGE BERCHMANS MALFAIR Carrot River, Saskatchewan
 RICHARDSON PARKER MICHAUD Brampton, Ontario
 WILLIAM GEORGE ARTHUR MIDDLEBRO' Owen Sound, Ontario
 RICHARD REID PICKERING Ottawa, Ontario
 ARTHUR GORDON MELLOW POND Marysville, New Brunswick
 ROBERT ARTHUR RICHMOND St. James, Manitoba
 HOWARD MYLES SAUNDERS Rothesay, New Brunswick
 KENNETH GEORGE SMITH Calgary, Alberta
 THOMAS DONALD JAMES SMITH (aegrotat standing) Truro, Nova Scotia
 JAMES FREDERICK STEWART Toronto, Ontario
 CHRISTOPHER MICHAEL STUART Montreal, Quebec
 JOSEPH ARNOLD TREVORS Douglasfield, New Brunswick
 RICHARD WILLIAM WALKER Bathurst, New Brunswick

BACHELOR OF SCIENCE IN ENGINEERING

WALTER WILLIAM ALLISON East Riverside, New Brunswick
 EARLE WAYNE ARNOLD Marysville, New Brunswick
 KAILASH KUMAR ARORA New Delhi, India
 GABRIEL BARBAN Sault Ste. Marie, Ontario
 ANDREW STANLEY BARBOUR Lancaster, New Brunswick
 KIRK ALLISON BAVIS Cross Creek, New Brunswick
 DOUGLAS JAMES BELL Willisville, Ontario
 IVAN DAVID BESNER Montreal, Quebec
 ERIK BODTKER Baie Comeau, Quebec
 RICHARD ALAN BURPEE West Saint John, New Brunswick
 BRIAN PAUL CASSIDY Fredericton, New Brunswick
 PETER MCGIVERY CHASE Saint John, New Brunswick
 PAUL MARVIN COHEN St. John's, Newfoundland
 STEWART ANCIL COLBURN Moncton, New Brunswick
 FRED DAWSON COMEAU Bathurst, New Brunswick
 VINCENT ERNEST COREY Lower Southampton, New Brunswick
 WALTER WAYNE CRONE Peterborough, Ontario
 DAVID LEONARD ROY CRONIN Montreal West, Quebec
 GEORGE BRUCE DAYTON Fredericton, New Brunswick
 ROGER ARTHUR DE GRASS Presque Isle, Maine
 PETER JOSEPH DESCHENES Grand Falls, New Brunswick
 MICHELINE CARMELLE DESJARDINS Dalhousie, New Brunswick
 PAUL NASH ELLEGOOD Fredericton, New Brunswick
 ROSS JOHN ELLIS Bathurst, New Brunswick

BYRON GARETH ESTEY Newcastle Creek, New Brunswick
 NEIL DOUGLAS FARMER Ste. Therese, Quebec
 ROY ALLISON FLETCHER Upham, New Brunswick
 RICHARD MARSHALL FORSYTHE Montreal, Quebec
 LAURENT JOSEPH FRIGAU Tracadie, New Brunswick
 JOHN DAVID GALLAGHER Beanconsfield, Quebec
 JOHN ROBERT GILLESPIE Fredericton, New Brunswick
 ARCHIBALD LEONARD GILLISS Centre Napan, New Brunswick
 DAVID ROGER GINGRAS Theford Mines, Quebec
 ALLAN COLVILLE GOLDING Marysville, New Brunswick
 DONALD MYRON GORBER Moncton, New Brunswick
 DAVID ALEXANDER GRANT Como, Quebec
 EDWARD RONALD HAUGHTON Hamilton, Ontario
 DAVID LAUCLAN HOAR Lancaster, New Brunswick
 RONALD WESTON HUDSON Rexton, New Brunswick
 THOMAS MURRAY HUMES Fredericton, New Brunswick
 DOUGLAS COLIN JARDINE Shawinigan, Quebec
 ROBERT CHESTER FREDERIC JARVIS Stanley, New Brunswick
 THEODORE GEORGE JULICH Kingston, Ontario
 GEOFFREY LOUIS KENNEDY Saint John, New Brunswick
 DONALD FRANCIS KINSELLA Ottawa, Ontario
 GEORGE EMILE LANGIS Shediac, New Brunswick
 KENNETH HERBERT LAWSON Jemseg, New Brunswick
 RICHARD MATTHEW LAWTON Lancaster, New Brunswick
 JOSEPH ARTHUR GERARD LEBLANC Memramcook, New Brunswick
 NIL HILAIRE LEBLANC Meteghan, Nova Scotia
 PETER ARTHUR LEWELL Lancaster, New Brunswick
 MAURILLE REGINALD LEVASSEUR Edmundston, New Brunswick
 ROBERT NEIL LIKELY Saint John, New Brunswick
 ROBERT OWEN LISTON Millville, New Brunswick
 DUANE DOUGLAS LOGAN St. Andrews, New Brunswick
 GUY MICHAEL MCLAUGHLIN Tracadie, New Brunswick
 DAVID ELDRIDGE MACRAE Fredericton, New Brunswick
 JAMES HERBERT MATTHEWS Fredericton, New Brunswick
 JOHN BYRON MERSEREAU Fredericton, New Brunswick
 WILLIAM ALEXANDER MERSEREAU Fredericton, New Brunswick
 PETER JAMES MILLIGAN Montreal, Quebec
 THOROLD STEPHEN GARTH MORGAN Beaufort, Quebec
 ARTHUR ALLEN MOSHER Moncton, New Brunswick
 JOHN RUDOLPH MOWAT Minto, New Brunswick
 JEAN GUY NADEAU Lac-Baker, New Brunswick
 DAVID JOHN NELSON Saint John, New Brunswick
 THOMAS STUART NELSON Barrie, Ontario
 RUSSELL BRIAN O'BLENES Lewisville, New Brunswick
 BRYAN KIRK PATTERSON Woodstock, New Brunswick
 MICHAEL COLIN PINCH Fort Erie, Ontario
 ARTHUR JOHN ROBINSON Albany, Prince Edward Island
 MACKENZIE STEWART ROBINSON Baie Comeau, Quebec
 GERALD CLAYTON ROGERS Sussex, New Brunswick
 GORDON LEIGH ROSS Lancaster, New Brunswick
 ARNOLD GEORGE RUSSELL Newcastle, New Brunswick
 PAUL WESLEY SCHRIVER Fredericton, New Brunswick
 LIONEL DELBERT SMITH Aroostook, New Brunswick
 JEAN PIERRE ST. YVES Shawinigan, Quebec
 DAVID JOHN TAFEL La Tuque, Quebec
 RICHARD MICHAEL TAIT Fredericton, New Brunswick
 GEORGE BURNHAM TAPLEY Fredericton, New Brunswick
 DAVID HARRY THORNE Newcastle Creek, New Brunswick
 LAURIE BRIAN TOMPKINS Hartland, New Brunswick

PHILIP ANDREW VORVIS Whitby, Ontario
 KENNETH DALE WALFORD Como, Quebec
 WALDO BURTIS WASSON Calgary, Alberta
 CLYDE ARTHUR WETMORE Saint John, New Brunswick
 DENNIS GEORGE WILLETTE Caplan, Quebec
 FRANKLIN RICHARD WILMOT Montreal, Quebec
 GEORGE LEA WORTMAN Fredericton, New Brunswick

BACHELOR OF SCIENCE WITH HONOURS

MARY MARGARET CONLEY St. Andrews, New Brunswick
(Biology)
 PENNY GAIL ESTABROOKS Quebec, Quebec
(Chemistry)

BACHELOR OF SCIENCE

MARILYN LOUISE BARTLETT Fredericton, New Brunswick
 DONALD JAMES BEYEA Saint John, New Brunswick
 FRANK HORACE BODLEY Saint John, New Brunswick
 DWIGHT FRANCIS BRADY North Bay, Ontario
 CHARLES WARREN COLPITTS Burlington, Ontario
 DALTON BLAIR DICKINSON Coldstream, New Brunswick
 CATHERINE RUSSELL DOBSON Moncton, New Brunswick
 NEIL JASON FLEMMING Silverwood, New Brunswick
 DONALD EDWARD GEMMELL Fredericton, New Brunswick
 JEFFREY WARREN GOLDMAN Fredericton, New Brunswick
 ALFRED FRANK GOODFELLOW Newcastle, New Brunswick
 WILLIAM STEEN GREENOUGH Milltown, New Brunswick
 ERNEST WANG-KO JAY Deep Water Bay, Hong Kong
 DONALD AMOS KELLY Andover, New Brunswick
 MARION ELIZABETH LEBLANC Moncton, New Brunswick
 CHRISTOPHER JOHN LONG Montreal, Quebec
 DARYL THOMAS McMULLIN Fredericton, New Brunswick
 DAVID HOWARD McMULLEN Fredericton, New Brunswick
 BEATRICE IRENE MOORE East Riverside, New Brunswick
 PETER DAVID MORRISON Lower Southampton, New Brunswick
 THOMAS CLAUDE MUNROE Asbestos, Quebec
 PETER RUSSELL NEWROTH Fredericton, New Brunswick
 ALEXANDER FENTON PERLEY Trois Rivieres, Quebec
 RICHARD NELSON RENOUF Kenogami, Quebec
 THOMAS GERARD RICHARD Buctouche, New Brunswick
 PAUL ROBERT STUART SCOTT Montreal, Quebec

BACHELOR OF ARTS WITH HONOURS

NELSON JAMES ADAMS Verdun, Quebec
(Greek)
 ERMA PEARLE ALLAN Fredericton, New Brunswick
(English and History)
 ELIZABETH ANN BELYEA Fredericton, New Brunswick
(English)
 DONALD ALLISON BONNELL Fredericton, New Brunswick
(History)
 JOHN MAYNARD FAIRCHILD Pointe Claire, Quebec
(History)
 JAMES DOUGLAS GOLDING Saint John, New Brunswick
(English)
 DEREK WOODBURN STEWART HAMILTON Hull, Quebec
(English)
 PETER CHARLES HILL Port Williams, Nova Scotia
(History and Psychology)

ARTHUR BLAIR INCH Fredericton, New Brunswick
(English and Psychology)
 ALEXANDER NICHOLAS JABLANCZY Fredericton, New Brunswick
(English)
 EDWARD ARTHUR JACKSON Fredericton, New Brunswick
(English)
 STUART GORDON JACOBSON Fredericton, New Brunswick
(History and Political Science)
 SUSAN ELIZABETH JAMIESON Fredericton, New Brunswick
(History)
 GERALD PATRICK KELLY Niagara Falls, Ontario
(Latin and Greek)
 SHA MOHAMMED YOUSOUF KURMALLY Riviere des Auguilles, Mauritius
(English and Latin)
 LYNN ANNE MACISAAC Moncton, New Brunswick
(History)
 NANCY LYNNE DUNCAN McALLISTER Fredericton, New Brunswick
(English)
 CRAIG CAMERON McLEOD Fenelon Falls, Ontario
(English)
 ALICE CAROL MORRELL Moncton, New Brunswick
(English)
 PHILLIS EDNA NIXON McCONAGHY Debec, New Brunswick
(History)
 MARY ANN PAMELA PACEY Fredericton, New Brunswick
(English)
 EDITH PAMELA RHODES Montreal, Quebec
(English)
 CHARLOTTE LILLIAN ROGERS Woodstock, New Brunswick
(Sociology)
 IVAN JAMES SAUNDERS Stanley, New Brunswick
(History)

BACHELOR OF ARTS

MARGARET EMMA MCGIBBON ALLEN Fredericton, New Brunswick
 DONN FRANCIS ATCHISON Fredericton, New Brunswick
 VAROUG RAYMOND AVATIS Montreal, Quebec
 GEORGE BEVERLEY BACON Cornwall, Ontario
 EDWARD DOUGLAS BATES St. Lambert, Quebec
 WILLIAM HAROLD BECKS North Bay, Ontario
 GEOFFREY GOODWIN BELL Moncton, New Brunswick
 JOHN BERNARD BOILEAU Moncton, New Brunswick
 PETER RONALD CARL BRABANDER Montreal, Quebec
 CHRISTINA ANNA BRUCKNER Renforth, New Brunswick
 RONALD EDWIN BUTCHER Belleville, Ontario
 ROSE CAROLYN CAMERON Nashwaak Bridge, New Brunswick
 JOHN EDWARD CAMPBELL Fredericton, New Brunswick
 EDWARD DELMONT CARR Doaktown, New Brunswick
 GERTRUDE ANN CARSON Fredericton, New Brunswick
 JANET MARGARET CASS Fredericton, New Brunswick
 STEPHEN MARK CHANDLER Kirkland Lake, Ontario
 JAMES ROBERT CHASE Saint John, New Brunswick
 JOSEPH GEORGE CHIASSON Minto, New Brunswick
 JOHN BRIAN CHURCH Saint John, New Brunswick
 CAROLYNNE MAE CLARK St. Hilaire, Quebec
 JOAN MARLAINE COLLINS Baie d'Urfe, Quebec
 CATHARINE LYNN COVEY Don Mills, Ontario
 BONITA FAYE CUMMING Bathurst, New Brunswick
 DESMOND CHARLES CUNNINGTON Ottawa, Ontario

MICHAEL GARY DAVIS Saint John, New Brunswick
 ROBERT RICHARD DEVINE Saint John, New Brunswick
 JANET COLIN DICKSON Halifax, Nova Scotia
 MARY IRENE DINEEN Fredericton, New Brunswick
 BARBARA ANN DIGIACINTO Fredericton, New Brunswick
 ROBERT HERBERT DOLMAN Montreal, Quebec
 DIANE LYNN DRUMMOND Vienna, Virginia
 GARRY WILLIAM DUPERRAULT Port Cartier, Quebec
 JOAN MARY EBBETT Gagetown, New Brunswick
 KATHLEEN ELIZABETH ERSKINE Toronto, Ontario
 ANN MARTHA FOLKINS Fredericton, New Brunswick
 ELAINE IRIS FOWLER Moncton, New Brunswick
 MARY DOUGLAS FREW Montreal, Quebec
 ALLAN WILLIAM FURLONG Noranda, Quebec
 DIANNE PAULE MARIE GAGNON Port Alfred, Quebec
 SUSAN CLARE GRANT Moncton, New Brunswick
 ANNE CATHERINE GRATTAN Quarryville, New Brunswick
 SUSAN ELIZABETH GREEN St. Thomas, Ontario
 JOCELYNE MARIE ANGELA CLAUDETTE GRENIER St. Felicien, Quebec
 JOHN LLOYD GRICE New Glasgow, Nova Scotia
 MARGARET LOUISE HAGERMAN Fredericton, New Brunswick
 VALERIE JANE HAMBLY Montreal, Quebec
 WILLIAM ARTHUR HAND St. Lambert, Quebec
 STEPHEN THOMAS HANSON Pointe Claire, Quebec
 VERNON THOMAS HARDING Fredericton, New Brunswick
 BERNITA HELENA HARRIS Fredericton, New Brunswick
 JAMES ERNEST HARVEY Fredericton, New Brunswick
 ERMA ELIZABETH HAWKES Chipman, New Brunswick
 MICHAEL STUART HUTCHINS Oakville, Ontario
 ROBERT CLIFFORD JACK Pointe Claire, Quebec
 FLOYD RICHARD JACKSON Black's Harbour, New Brunswick
 MARY ELIZABETH JAMIESON Oromocto, New Brunswick
 FABIAN JOSEPH JENNINGS Niagara Falls, Ontario
 MARK LORNE JEWETT Fredericton, New Brunswick
 ARNOLD EARLE JOHNSON Masonville, Quebec
 DOROTHY MARY GODSCHALL JOHNSON Fredericton, New Brunswick
 JOHN RALPH JOHNSTON Moncton, New Brunswick
 JOHN DAVID KEAN Lancaster, New Brunswick
 ROBERT LESLIE KENNY Marysville, New Brunswick
 WAYNE LEDFORD KIMBALL Toronto, Ontario
 PAULINE ELDA KIRKPATRICK Chipman, New Brunswick
 WILLIAM LAMPERT Moncton, New Brunswick
 CAROL MARGARET LANGSTROTH Fredericton, New Brunswick
 DONALD RAYMOND LAYDEN Fredericton, New Brunswick
 MARION ETHEL HORTON LEAMAN Fredericton, New Brunswick
 JOSEPH DOUGAL LEGRIS Dacre, Ontario
 GUY ANTOINE LEVESQUE Edmundston, New Brunswick
 SHEILA HELEN LIMERICK Fredericton, New Brunswick
 ROBERT ALEXANDER LITTLE Weston, Ontario
 PETER KLEIN MCALEENAN McAdam, New Brunswick
 BARBARA ALENE MCCLUSKEY Saint John, New Brunswick
 MARJORIE JOAN MACDONALD Sydney, Nova Scotia
 CLYDE GORDON MCELMAN Fredericton, New Brunswick
 HELEN ELIZABETH MACFARLANE Fredericton, New Brunswick
 OWEN JOHN MCGORMAN Saint John, New Brunswick
 GEORGE WINSTON MCKENZIE San Fernando, Trinidad
 FRANKLIN JAMES MCKINLEY Chatham, New Brunswick
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ANNE MARGUERITE MACPHERSON Saint John, New Brunswick
 JUANITA ANNE MCQUADE East Saint John, New Brunswick
 JOHN PETER MALNERICH Chatham, Ontario
 JOSEPH BRIAN MALONE Stanley, New Brunswick
 JEROME ALBERT MANUEL St. Stephen, New Brunswick
 SALLY JANE MILLER Edmundston, New Brunswick
 GEORGE ARTHUR MOAD Thetford Mines, Quebec
 BRENDA RUTH MOFFITT St. Stephen, New Brunswick
 RICHARD ALLISON MOORE Fredericton, New Brunswick
 RONALD STEWART MORISSEY Belfast, Maine
 STUART GEORGE MOWRY Saint John, New Brunswick
 LYNDA ANN MUIR (aegrotat standing) Saint John, New Brunswick
 GREGORY DOUGLAS MULHOLLAND Fredericton, New Brunswick
 SHARON LEE NICKERSON Saint John, New Brunswick
 DAVID JORGEN NIELSEN Fredericton, New Brunswick
 JAMES REUBEN OAKES Florenceville, New Brunswick
 RICHARD HENRY OLAND Rothesay, New Brunswick
 DAVID CHARLES ROWAN OLMSTEAD Woodstock, New Brunswick
 JAMES DELMAS OLTS Fredericton, New Brunswick
 JOHN AUBREY PATERSON Fredericton, New Brunswick
 JUDITH ANNE PEACOCK Fredericton, New Brunswick
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 GEORGE DOUGLAS PERRY Truro, Nova Scotia
 ROY SHELDON PIEROG Bathurst, New Brunswick
 SALLY ANN PIKE Woodstock, New Brunswick
 THOMAS CHIPMAN PINCKARD Dwight, Ontario
 LESLIE JEANETTE PINDER Moncton, New Brunswick
 GERALD LLOYD POND La Tuque, Quebec
 DOW WILMOT PRICE Fredericton, New Brunswick
 DONALD HUGH PROUDFOOT Fort Coulonge, Quebec
 BHANUMATI KARACHMATEE RAMDIAL Tunapuna, Trinidad
 CHERYL ELIZABETH ANN REID Campbellton, New Brunswick
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 CAROL MAY SEARS Fredericton, New Brunswick
 PETER DEVERTEUIL SEHEULT Fredericton, New Brunswick
 HUGH ALWYN SIDDALL Millerton, New Brunswick
 CLAUDIA RUTH SIMPSON Fredericton, New Brunswick
 SISTER M ANCILLA Saint John, New Brunswick
 DOUGLAS LUTHER SMITH Lancaster, New Brunswick
 MARC EDWARD SMITH (with distinction) Fredericton, New Brunswick
 SALLY FRANCES SMITH Moncton, New Brunswick
 RAE ELEANOR SMITH Bathurst, New Brunswick
 PHILIP HEARNE STEVENSON Toronto, Ontario
 FLORISE SHIRLEY STICKLES Fredericton, New Brunswick
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 BRUCE LANCASTER TAYLOR St. Catherines, Quebec
 JOHN EDWIN BARTLETT TAYLOR Saint John, New Brunswick
 EDMUND EVERETT TEDFORD Montreal, Quebec
 ELIZARETH MURRAY THOMAS Willowdale, Ontario
 DOUGLAS ALEXANDER THOMPSON Sault Ste. Marie, Ontario
 THOMAS VINCENT TONER Fredericton, New Brunswick
 KAREN ELLEN TRIFTS Fredericton, New Brunswick
 DAVID JOHN TUCKER Andover, New Brunswick
 ROBERT ALLISON TWEEDIE Fredericton, New Brunswick
 STEPHEN THOMAS WACE Oakville, Ontario

CHARLES MURRAY WADDELL Fredericton, New Brunswick
 DARYLL GEORGE WADDINGHAM St. Stephen, New Brunswick
 MICHAEL WILLIAM WALKER Toronto, Ontario
 LINDA ALICE WATSON Saint John, New Brunswick
 ELSPETH ANNE WATTERS Barker's Point, New Brunswick
 WILLIAM HENRY WATTS Saint John, New Brunswick
 EDWIN ALLAN WELCH Glassville, New Brunswick
 DIANNE MARGARET WHALEN Fredericton, New Brunswick
 JAMES MURRAY WHALEN Sussex, New Brunswick
 JOAN VIRGINIA WIGHTMAN Saint John, New Brunswick
 NELLIE EVA WINTERS Fredericton, New Brunswick
 MARY ELIZABETH WOOD Fredericton, New Brunswick
 RONALD WILLIS FRASER WOODWORTH Fredericton, New Brunswick
 MARY KATHLEEN WORRELL Lancaster, New Brunswick

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ELIZABETH MARIE BONNYMAN Fredericton, New Brunswick
 ANITA JOANNE BOONE Fredericton, New Brunswick
 JEAN MARJORIE HAMILTON ROSS Lancaster, New Brunswick

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DALE EDWIN ALLEN Fredericton, New Brunswick
 GORDON FRANKLIN BAKER South Chatham, Massachusetts
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 WAYNE BARRY FEINDEL Downsview, Ontario
 TERENCE MICHAEL KILBRIDE Fredericton, New Brunswick
 ALLAN WILLIAM GOOD Fredericton, New Brunswick
 WILLIAM PAUL LAYDEN Elgin, New Brunswick
 IAN RAY MACBEAN Fredericton, New Brunswick
 LYNETTE DAWN MACKENZIE St. John's, Newfoundland
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 EDITH JOSEPHINE SILVER North Brookfield, Nova Scotia
 SISTER M MAJELLA Prince Albert, Saskatchewan
 SISTER ELIZABETH MARIE Saint John, New Brunswick
 MARGARET JANE SMITH St. George, New Brunswick
 WINSTON STERLING SMITH Moncton, New Brunswick
 ROBERT JOHN SMYTHE Green River, New Brunswick
 RICHARD LOUIS TOTH High River, Alberta
 ANN PRUDENCE WHEATLEY Fredericton, New Brunswick

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GUY WILLIAM BOISVERT Fredericton, New Brunswick
 ERIC ANTHONY BOWIE Toronto, Ontario
 CHARLES EMERY BRISON Moncton, New Brunswick
 LORRAINE DIANE COLDWELL Groves Point, Nova Scotia
 JOHN JOSEPH MICHAEL EAGAN Toronto, Ontario
 PATRICK GEORGE GORMAN Saint John, New Brunswick
 CHARLES DAVID HUGHES Fredericton, New Brunswick
 THOMAS WILLIAM RIORDON Bathurst, New Brunswick
 DAVID HAROLD RUSSELL Newcastle, New Brunswick
 GUY ROGER SAVOIE Rogersville, New Brunswick
 CHARLES GORDON SIMMONS Summerside, Prince Edward Island
 ALLAN ROSS WEBSTER Westmount, Quebec

CONFERRING OF HIGHER DEGREES IN COURSE

Candidates Presented by the Dean of Graduate Studies

MASTER OF SCIENCE IN FORESTRY

PIETER GERARD PRINS Barker's Point, New Brunswick
 (B.Sc.F., University of Toronto, 1958)
 Title of Thesis: *A Policy for the Management of Small Forest Holdings in New Brunswick.*

MASTER OF SCIENCE IN ENGINEERING

SHAIKH GOHAR ALI (Civil Engineering) Hyderabad, W. Pakistan
 (B.E., University of Karachi, 1957)
 Title of Thesis: *Friction as a Shear Developer in Composite Beams*

CLIFFORD JOHN BACON (Surveying Engineering) Salisbury, S. Rhodesia
 (B.Sc., University of Natal, 1963)
 Title of Thesis: *Deflections of the Vertical from Mountain Net Adjustment*

DAVID LESLIE CATES (Electrical Engineering) Ottawa, Ontario
 (B.Eng., Carleton University, 1964)
 Title of Thesis: *Low Noise Amplification of Myo-Electric Signals*

JOHN KAT-CHEUNG CHUNG (Electrical Engineering) .. Kowloon, Hong Kong
 (B.Sc., University of New Brunswick, 1964)
 Title of Thesis: *A State Space Approach for the Accurate Determination of Periodic Modes in Relay Control Systems*

JOHN GURNEY COOLEN (Electrical Engineering) Saint John, New Brunswick
 (B.Sc., University of New Brunswick, 1960)
 Title of Thesis: *Electronic Pulse Controlled Drive System for Small DC Motors*

DONALD ANDREW FLANAGAN (Electrical Engineering)
 Dalhousie, New Brunswick
 B.Sc., University of New Brunswick, 1964)
 Title of Thesis: *Analytical Determination of the Magnetic Field in a C.D. Machine Using a Finite Difference Method with Experimental Verification*

JACOB HESKEL MASLIYAH (Chemical Engineering) London, England)
 (B.Sc., University College, London, 1964)
 Title of Thesis: *A Mathematical Model of a Turbulent Diffusion Flame to Predict Radiative Distribution*

DILAVER MUSTAFA (Electrical Engineering) Famagusta, Cyprus
 (B.Sc., University of Leeds, Yorkshire, 1960)
 Title of Thesis: *A High Speed Electronic Distance Relay for the Protection of Power System Circuits*

HONG YONG SOHN (Chemical Engineering) Seoul, Korea
 (B.Sc., Seoul National University, 1962)
 Title of Thesis: *The Effect of Particle Size Distribution on Packing Density*

K. L. SURYANARAYANAN (Electrical Engineering) Dhanabad, Bihar State, India
(B.E., Madras University, 1960; M. Tech., Institute of Technology, Bombay, 1964)

Title of Thesis: *Analysis of Control Systems Incorporating Relays with Frequency and Amplitude Dependent Characteristics*

V. S. UMAMAHESWARAN (Electrical Engineering) Bombay, India
(B.Sc., Bombay University, 1960; B. Tech., I.I.T., Powai, 1964)

Title of Thesis: *An Analysis of a Two Phase Drag Cup Induction Machine as an Accelerometer*

MASTER OF SCIENCE

GORDON KENNETH CAMPBELL (Biology) Fredericton, New Brunswick
(B.Sc., University of New Brunswick, 1964)

Title of Thesis: *Antimicrobial principles from plant tissue cultures and from an isolated bacterium*

NAEMATULLAH ISMAIL (Physics) Montreal, Quebec
(B.Sc., McGill University, 1962)

Title of Thesis: *Microwave Spectrum of Divinyl Ether*

ALFRED WANG-LEUNG JAY (Physics) Jaysonville, Deep Water Bay, Hong Kong
(B.Sc., Loyola College, 1962)

Title of Thesis: *Mechanical Properties of an Artificial Red Cell Membrane*

ROBERT LEROY MELVIN (Geology) Storrs, Connecticut
(B.A., University of Connecticut, 1962)

Title of Thesis: *The Surficial Geology of Ben Lomond Area, Saint John and Kings Counties, New Brunswick*

MASTER OF ARTS

ROBERT HOOD COCKBURN (English) Westfield, New Jersey
(B.A., University of New Brunswick, 1964)

Title of Thesis: *The Novels of Hugh MacLennan*

RENE JOSEPH CYR (Romance Languages) Ste-Anne de Madawaska, New Brunswick
(B.A., St. Thomas University, 1955; B.Ed., St. Joseph University, 1959)

Title of Thesis: *Le symbolisme du bestiaire de la 'Legende des Siecles*

JOANNE ELIZABETH DRAKE (Mathematics) Woodstock, New Brunswick
(B.Sc., University of New Brunswick, 1965)
Course Degree

EDWARD ALAN EAGLES (English) Moncton, New Brunswick
(B.A., 1958, B.Ed., 1961, Mount Allison University)
Title of Thesis: *The Mask of Apollo and Peace*

BARBARA ELIZABETH FISHER (Psychology) Lancaster, New Brunswick
(B.A., University of New Brunswick, 1956)

Title of Thesis: *The Effect of Varying Arousal Level, Ground Shape and Background Information on Block Design Rotation*

SUNIT BALA KHERA (English) Chandigarh, India
(B.A., University of Panjab, 1957; B.T., University of Panjab, 1958)
Title of Thesis: *E. M. Forster and India*

DAVID GALE LIKELY (Psychology) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1964)

Title of Thesis: *The Effect of Overtraining Upon the Extinction of a Running Response in a Homogeneous and a Non-homogeneous Runway*

ALFRED EUGENE MORRISON (History) Milcove, Prince Edward Island
(B.A., St. Dunstan's University, 1959)

Title of Thesis: *R. B. Bennett and the Imperial Preferential Trade Agreements of 1932*

DAVID NING-TING YU (Economics) Taipei, Taiwan, China
(B.A., Chung Hsing University, 1962)

Course Degree

DOCTOR OF PHILOSOPHY

HERMAN FRANCIS ANTHONY BOXILL (English) Christ Church, Barbados
(B.A., St. Francis Xavier, 1960; M.A., University of New Brunswick, 1962)

Title of Thesis: *The Novel in English in the West Indies 1900-1962*

YVES GERARD BRUNELLE (English) Antigonish, Nova Scotia
(B.A., St. Francis Xavier, 1949; M.A., Harvard University, 1951)

Title of Thesis: *The Politics of Jonathan Swift*

KA-KONG CHAN (Chemistry) Hong Kong
(B.Sc., Hong Kong Baptist College, 1962)

Title of Thesis: *A Synthetic Approach to the Delphinine Type Alkaloids*

GEZA KOHAN (Chemistry) Fredericton, New Brunswick
(B.Sc., Technical University, Budapest, 1953)

Title of Thesis: *The Structure and Syntheses of Desoxyxypithecobiline*

PERUVEMBA RAMANATHAN KRISHNASWAMY (Chemical Engineering) Palghat 3, Kerala State, India
(B.Sc., Banaras Hindu University, 1960)

Title of Thesis: *Dynamics of Liquid-Fluidized Systems*

CIRILL SCHMIDT (Chemistry) Fredericton, New Brunswick
(B.Sc., Technical University, Budapest, 1953; M.Sc., McGill University, 1959)

Title of Thesis: *Synthetic Approach to Quassin*

JEROME SUTHERLAND WILSON (Chemistry) Red Bank, New Brunswick
(B.Sc., University of New Brunswick, 1962)

Title of Thesis: Part 1: *Quinoline Synthesis*; Part 2: *Ormosia Alkaloid Structures*; Part 3: *Syntheses of Ormosia Alkaloids*

ACADEMIC DRESS

GOWNS

Undergraduates—Plain black stuff material, sleeveless.

Bachelors—Black stuff falling below knee, with full sleeve reaching to the wrist and terminating in a point.

Masters—Black silk or stuff gown, falling below knee, with long sleeves with semi-circular cut bottom.

Doctors—A scarlet cloth robe, faced with silk of the same colour as the lining of the hood worn.

HOODS

Each degree has its distinctive hood as follows:

- B.A. — Black stuff bordered with white fur.
- B.Sc. — (Arts) black stuff lined with scarlet silk bordered with white fur
- B.Sc. — (Applied) black stuff lined with green silk bordered with white fur.
- B.C.L. — Pale blue silk bordered with white fur.
- B.B.A. — Black stuff lined with light brown silk bordered with white fur.
- B.T. — Black stuff with royal blue silk bordered with white fur.
- B.P.E. — Black stuff lined with claret silk bordered with white fur.
- B.N. — Black stuff lined with salmon pink silk bordered with white fur.
- B.Ed. — Black stuff lined with grey silk bordered with white fur.
- M.A. — Black silk lined with crimson silk.
- M.Sc. — (Arts) black silk lined with white silk bordered with scarlet.
- M.Sc. — (Applied) black silk lined with white silk bordered with green.
- M.Ed. — Black silk lined with blue grey silk bordered with crimson.
- Ph.D. — Scarlet cloth with dark blue silk lining.
- LL.D. — Scarlet cloth with pale pink silk lining.
- D.Sc. — Scarlet cloth with white corded silk lining.
- D.C.L. — Scarlet cloth with pale blue silk lining.
- D.Litt. — Scarlet cloth with grey silk lining.