

John R. ...



One Hundred and Thirty-Ninth Incaenia

Thursday, 16th May

1968

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-Ninth Encaenia is by the Band of the Royal Canadian Dragoons of The Canadian Forces Base, Gagetown, by kind permission of COLONEL H. E. THEOBALD, MC, CD, Base Commander, Canadian Forces Base, Gagetown, and under the direction of CAPTAIN T. A. BARNES, CD, FCBA, LCBA.

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

Fortinbras March *Shostakovich*
Trumpet Tune and Air *Jeremiah Clarke*
Royce Hall Suite *Healey Willan*

ORDER OF PROCEEDINGS

PROCESSIONAL MARCH

March of the Peers from Iolanthe *Sullivan*
Chair taken by THE HONOURABLE WALLACE S. BIRD, LL.D., Lieutenant-Governor of New Brunswick and Visitor to the University on behalf of Her Majesty, The Queen.

GOD SAVE THE QUEEN

INVOCATION

By THE REVEREND ALAN REYNOLDS, B.A., B.D., S.T.M.
Minister, St. Paul's United Church.

REMARKS BY THE PRESIDENT AND VICE-CHANCELLOR

COLIN B. MACKAY, Q.C., B.A., LL.B., D.C.L., D. ès 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* and W. S. MACNUTT, M.A., *Dean of Arts*

To Be Doctor of Laws

ALAN JAMES EARP
MOSES OSBORNE MORGAN
JAMES RUSSEL MALLORY
HELEN KATHLEEN MUSSALLEM
ARNOLD CANTWELL SMITH
ROBERT ELLIS DIEUAIDE CATTLEY

ENCAENIA ADDRESS

DR. ARNOLD CANTWELL SMITH

PRESENTATION OF PRIZES AND MEDALS

By the President and Vice-Chancellor

CONFERRING OF DEGREES OF DOCTORS OF PHILOSOPHY 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 MASTERS' DEGREES IN COURSE

Candidates will be presented by the Dean of Graduate Studies

CONFERRING OF BACHELORS' DEGREES IN COURSE

Candidates will be presented by the University Orator.

O CANADA

RECESSIONAL MARCH

Grand March *Grundman*

Conferring of Honorary Degrees

*Candidates Presented by the University Orator
and W.S. MacNutt, M.A., Dean of Arts*

ALAN JAMES EARP to be Doctor of Laws

We are honouring today a Vice-Chancellor and a Vice-President whose two Universities are of recent establishment.

Of widely differing backgrounds, Moses Morgan and Alan Earp share that noblest heritage of a classical education, the power to project into their contemporary world the humanistic values of those older civilizations, and to educate the whole man.

Alan Earp, the Vice-Chancellor of the University of Guyana, was born in Canada but went to school in England, at Cheam and Marlborough. His undergraduate career at Toronto was interrupted by the war, the harsh lights of which revealed his toughness, enterprise, and positive predilection for danger. These round out a character stamped by utter integrity and a deep feeling for his fellow man.

When he was Dean of Men at Trinity College, he and his talented wife opened their residence to students of every colour, caste, and creed. All were their friends, and from that home-from-home more than one was married.

For West Indians Alan Earp has a specially soft spot in his heart, having come to know them intimately during his lectureship in Jamaica. It is a tribute to himself no less than to the University of Guyana that he was appointed to the Vice-Chancellorship.

Through channels unbuoyed and uncharted he has steered a course that has called for his every talent. Like the Commonwealth Secretary, and with no clearer guidelines, he has firmly put his own interpretation on his task; and is attempting to relate a young university to an almost virgin hinterland.

He has had to face national prejudices, to oppose excessive professionalism and, with all his eloquence and on every occasion, to plead for money to finance his new campus.

But, in a building which has had perforce to serve as a high school by day and a university by night, he has fostered an institution the products of which will be more durable than salt fish, molasses, and rum. It is one with which our Association of Atlantic Universities feels a strong kinship, and of which you, Mr. President, are a member of the Board of Governors.

MOSES OSBORNE MORGAN to be Doctor of Laws

Dear scholar, dearest friend,

How glad a task is mine, to have you to present for this honorary degree! How happy am I that one day will see us both enrolled as Alumni of this University!

After our single year together at Dalhousie, the Country claimed us for her separate Services. But, begun in the lecture-room, our friendship has never faltered. Strengthened by our rare meetings, it has remained that gentlest of bonds, the affection between pupil and teacher.

Your destiny—and how beneficial it has proved!—was to return to your native Newfoundland, there to become an elemental force,

physical, spiritual and intellectual, in the shaping of Memorial University. Its student when it was yet a College, you rose from Assistant Professor to hold the Chair of Economics and Political Science when it became a University. For one year you were *pro tempore* President, and from that eminence you could watch—proudly, but that pride was never in you—the sturdy growth of that academic grove of which you had planted so many seedlings.

It was, truly, as Dean of Arts and Science that your most memorable work was done. Decisive where decisions were called for, rigid only where it would have been craven to bend, rock-like, far-sighted and kind, you virtually earned in that office the document which testifies so warmly to your later acting-Presidency. *That* was signed by representatives of Students, Faculty, Senate, and Board of Regents. But your wider testimonial abides, written on the heart of every Newfoundlander, who knew you, and will always know you, as "Dean Morgan".

JAMES RUSSELL MALLORY to be Doctor of Laws

It is a touching Valedictory for me when I am vouchsafed two former pupils to present for honorary degrees.

Is it because or in spite of me that, having studied Rome and the Romans, you each branched out into Political Science, and each held those Chairs, yourself at McGill, and Morgan at Memorial? And that the latter became Vice-President of a University, and you a Fellow of the Royal Society of Canada?

I make no claim for myself, but I believe of Latin that it schools a man's intellect and disciplines his prose. Certain it is that your book, *Social Credit and the Federal Power in Canada*, has won fame as a model of decisive thinking, and that its style, to quote one of many laudatory reviews, "abounds in striking phrases and cogent illustrations". Suffice it that I did you no apparent harm.

I remember your keen features and sharp wit as outstanding in a Sophomore class that had an intellectual bounce and vitality the like of which I never encountered before or since, a class that, in a compulsory subject, were avid for learning and, given a lead, could teach themselves.

But my most enduring recollection is of you in that now legendary Roman banquet, the high tide of that year, in which, wreathed and toga'd, you, the sharpest Roman of them all, joined in celebrating the bi-millennium of Horace, drank our mock Sabine, and sang—with glorious disregard for sense or century—*Integer vitae* along with *Gaudeamus igitur* and *O how bella, my puella!*

Your Maecenas salutes you, the *novus homo* who has joined the *Optimates* of his Rome and who, after leaving my sustaining hands, learned so soon to 'swim without cork'.

Ave, Jacobe, atque Vale.

HELEN KATHLEEN MUSSALLEM to be Doctor of Laws

This degree is a three-fold tribute: to the recipient herself, to the profession of which she is a dynamic leader, and to U.N.B.'s School of Nursing. With two deceased colleagues of ours, Kaspar Naegle and Katherine MacLaggan, she had been a close collaborator, and was the latter's intimate friend.

Helen Mussallem was born in Rupert's Land and trained in Vancouver. Two diplomas, a Bachelor's, a Master's, and a Doctor's degree, are evidence of those forceful talents which the Crimean War brought to light in the pioneer of nursing education. Attached to St. Thomas's Hospital, the Nightingale School remains an institution in its own right.

With the strength of ten men, the "Lady with the Lamp" battled to establish nursing as a skilled and honourable avocation. With the same verve (and documentation) Helen Mussallem is battling to establish Canadian schools of nursing independent of hospital control. She has stormed one citadel. Last year the Canadian Medical Association capitulated, and invited her to address them, the first nurse they have so honoured in their hundred year history.

To produce her now historic report, *Spotlight on Nursing Education*, her committee visited 25 carefully selected centres, interviewed 1,759 persons, and covered 55,557 miles "from Cape Race to Nootka Sound". She extols the enthusiastic response that greeted what she describes as "an exciting professional journey". The truth is that all research is to her an exciting journey, and that her enthusiasm and transparent sincerity are contagious.

Her duties have taken her far beyond Canada—to Geneva, Edinburgh, Lebanon and the Caribbean. But of all her journeys the most dramatic was when the two nursing services engendered by the Crimean War met in Moscow, and the disciple of Florence Nightingale shook hands with the disciples of Pirogov.

Next year, as the Executive Director of the Canadian Nurses' Association, she will be responsible for the International Congress of Nurses in Montreal. Her guests will find that the busy administrator can be a relaxed hostess, and that a witty nurse can also be a superb cook.

ARNOLD CANTWELL SMITH to be Doctor of Laws

The Commonwealth, in which Canada has been a working leaven, is the largest family on earth, a family of twenty-two countries, seven hundred and thirty million people, one quarter of the human race. It is a family in which black, yellow, and brown outnumber white, ten to one. They share one widely understood language, one symbol in the Crown, and one philosophy—consultation not conflict.

A momentous step towards their cohesion has been the establishment of a Commonwealth Secretariat. Envisaged by Nehru and the Prime Minister of Ceylon, it was a tentative step. The Secretariat was to be as informal as the Commonwealth. Its staff and functions, to quote the exquisitely vague guidelines, were "to expand pragmatically in the light of experience and as approved by member governments". But when it came to finding a Secretary, never did those cautious heads of governments move with greater alacrity or agreement, as when they chose Arnold Smith.

Outwardly, he was an impeccable candidate. A Canadian diplomat, he had been posted to Moscow, had learned Russian, and proved sufficiently *persona grata* to be permitted to visit Siberia. He had served in Cairo, Brussels, and at the U.N. He had been Canadian Commissioner in Cambodia, and ambassador to the United Arab Republic. In 1956 he had gone for two years to Canada House, London, when he won high commendation for his handling of Canada's stand on Suez, and his healing of Anglo-Egyptian rela-

tions. He seemed young enough to be malleable and Canadian enough to be neutral.

He has broken no rules, but he has surprised his electors by his positive interpretation of them. No "motionless mailbox", he is an "activist", with his own optimistic view of an undefined and impossible-looking task.

The back of that task was broken by his mere appointment. Like Mt. Everest, he was "there"—there to listen, there to receive and soften grievances, there to offer himself in a score of trouble-spots as counsellor, mediator, and friend.

He quickly found trouble enough. Singapore and Rhodesia greeted him on the doorstep of Marlborough House; Nigeria is again on his lap. But he has won, as no other, the confidence of the Afro-Asians, and the London Press from the outset has hailed him as "Mr. Commonwealth".

A world pattern of civilized and civilizing processes, the Commonwealth operates, in his words, in the realm of attitudes, values, motivation, and faith. Arnold Smith knows that these intangibles must be focussed on a terribly tangible problem: how our rich and industrialized Northern hemisphere can aid the poor and underdeveloped Southern. For that focussing he and his Secretariat are an indispensable and, let us all pray, an indestructible lens.

Mr. President, I give you "Mr. Commonwealth".

ROBERT ELLIS DIEUAIDE CATTLEY to be Doctor of Laws

**Ecce homo!* For thirty years Robert (alias Bob) Cattley has sustained the mother-languages of the western world in our University, combatting the profanities of the twentieth century by extolling the sacred fountains of our civilization in the sunlit Aegean or on the shores of Latium. Trained in the classics by reedy Cam, he has professed his subject with love and reverence. His skill and zeal in the classroom, his monumental knowledge of the heritage of the ancient world, have enabled the University of New Brunswick to perform the role any university worthy of the name must play, the transmission of the knowledge and culture of the past. Like Horatius at the bridge he has defended his citadel, and New Brunswick and Canada are the richer for it.

This latter-day scion of old Attica, this ancient Roman, has vividly personified the values and virtues of former eras, the discipline and rigour of days more strenuous, for a university and a community perilously bemused by the wonders of their own times. Undeterred by the fate of Leander, he has swum the Hellespont. By moonlight he scrambled over the craggy camp of Miltiades at Marathon and lost the seat of his trousers, nevertheless happy in the possession of a bicycle by which he could decently continue his wanderings. In former years, when there was a joyous intimacy between professors and students, he regaled his class at Roman banquets, a Maecenas clad in toga and sandals, a crown of laurel circling his youthful brow. On the brink of retirement he has proverbially upheld the good old maxim of classic aestheticism, *mens sana in corpore sano*. Attired in singlet and running shorts, he has struck, and still strikes, wonder on the streets of Fredericton, jogging along at a good trot and in good wind, challenging the steep

**Written and delivered by W. S. MacNutt, Dean of Arts, Encaenia, May, 1968.*

declivity of College Hill to ensure that his pristine powers have not failed him. Like Catullus he has taken to the water in his own boat, *Phaselus ille*, sailing the Saint John and its tributaries, convinced that the best New Brunswickers are the farmers on whose shores he has been shipwrecked. For him the sparkling waters of Belleisle Bay could well atone for the remoteness of the Aegean isles and of the fascinations of Scylla and Charybdis. New Brunswick has no Parthenon and no Pantheon. But nature here he has found no less awesome and intriguing than when Ulysses visited the Lotos-eaters or challenged the Cyclops.

It is our misfortune that he leaves us. Like the pious Aeneas he takes off towards the Hesperides to seek a new Elysium, to build a new Troy, in the shadows of the distant Rockies. As Robert E. D. Cattley, scholar, soldier, airman, athlete, Thespian, our University public orator, has praised so many others on so many occasions such as this, today we honour him in sorrow at his parting and joy in the fruition of a useful and creative career.

PRIZE LIST

1968

- Douglas Gold Medal*—best English essay "Patterns of Imagery and their significance in *The Great Gatsby* and *The Sun Also Rises*."
PATRICIA ELIZABETH PACEY, Fredericton, New Brunswick
- Governor General's Gold Medal*—outstanding student in Graduating Class
CATHERINE JEAN JOHNSON, Fredericton, New Brunswick
- Lieutenant-Governor's Silver Medals*—highest standing in Final Year
- Arts—
ROSALIE JEANETTE O'HARA, Fredericton, New Brunswick
- Science—
CATHERINE JEAN JOHNSON, Fredericton, New Brunswick
- Engineering—
POCK TOO NG, Singapore
- Forestry—
STEPHEN JOHN BEAUFOY, Montreal, Quebec
- Law—
DOUGLAS LESLIE SMITH, Moncton, New Brunswick
- Bolster, Charles Scholarship*—most promising student in Creative Writing
ELIZABETH CATHERIN RODRIGUEZ, Keswick, New Brunswick
- Budovitch, Sandra Memorial Prize*—highest standing in Honour Sociology in graduating year
KATHERINE KELTIE REID, Gagetown, New Brunswick
- Business Administration Club Medal*—outstanding Business student
DAVID WILLIAM STEVENSON, New Glasgow, Nova Scotia
- Canadian Institute of Forestry Gold Medal*—outstanding member of graduating class in Forestry
STEPHEN JOHN BEAUFOY, Montreal, Quebec
- Bliss Carman Memorial Prize*—best group of six poems
JOSEPH HOWARD SHERMAN, Fredericton, New Brunswick
(Honorable Mention: MICHAEL BRIAN OLIVER, Fredericton, New Brunswick)
- Central Trust Company Prize*—highest standing Business Administration graduating student
VIDVUDS ULDIS KALNINS, Nashwaaksis, New Brunswick
- City of Fredericton Gold Medal*—most promising student in Final Year Municipal Engineering
KENNETH ROSS O'BRIEN, Moncton, New Brunswick
- Ketchum Silver Medal*—best student in final year Civil Engineering
SHING-HOI YUE, Wanchai, Hong Kong
- Canada Permanent Mortgage Corporation Prize in Mortgages*
GORDON EDWARD HAROLD BETTS, Fredericton, New Brunswick
- Canadian Construction Association Prize*—best Engineering Report
DAVID ROSS PEEBLES, Montreal, Quebec
- Society of Chemical Industry Merit Award*
MALCOLM FRANK GOLDMAN, Fredericton, New Brunswick
- Canada Permanent Trust Company Prize in Trusts*
DOUGLAS LESLIE SMITH, Moncton, New Brunswick

Class of 1909 Prize

JAMES IAN MUNRO, Fredericton, New Brunswick
CHRISTOPHER STUART JOHNSON, Newcastle, New Brunswick

Dr. A. Wilmer Duff Prize in Physics

CATHERINE JEAN JOHNSON, Fredericton, New Brunswick

*Cyrus and Ann Eaton Prize—*for distinguished work in American Studies

RICHARD GREGORY THORNE (American History and Literature)
Saint John, New Brunswick

MICHAEL PHILIP SPIRO (American History and Politics)
Fredericton, New Brunswick

*Archdeacon Forsyth Prize—*greatest proficiency in English Literature

PATRICIA ELIZABETH PACEY, Fredericton, New Brunswick
MARY CHARLOTTE WILSON, Moncton, New Brunswick

*Hebrew Scholarship of Fredericton—*highest standing in Education

JEAN MARIE HUGHES, Lower Millstream, New Brunswick

*Brydone Jack Scholarship—*highest standing in fifth year Electrical Engineering

NEIL CHARLES MACEY MACLEAN, Chalk River, Ontario

*Law Faculty Prize—*highest standing in third year Law

DOUGLAS LESLIE SMITH, Moncton, New Brunswick

*Canada Law Book Prize—*second highest standing in third year Law

JOHN GEDDES BRYDEN, Nashwaaksis, New Brunswick

*P. M. Levine Memorial Prize—*highest standing for third and fourth year Business Administration

VIDVUDS ULDIS KALNINS, Nashwaaksis, New Brunswick

*William Stuart MacFarlane Scholarship—*highest standing in fourth year Latin and Greek

MADELAINE LOUISE LONG, Fredericton, New Brunswick

*N.B. Command Canadian Legion Prizes—*highest standing in final years of Physical Education

HELEN MARGARET CONNOR, Fredericton, New Brunswick
MICHAEL SEDGWICK ERNST, Mahone Bay, Nova Scotia

*Sir Charles G. D. Roberts Memorial Prize—*best Short Story

PATRICIA ELIZABETH PACEY, Fredericton, New Brunswick

James Simmonds Prize in History

BRIAN CHARLES THOMAS COOK, Lennoxville, Quebec

*John Stephens Memorial Prize—*highest standing in fifth year Mechanical Engineering

POCK TOO NG, Singapore

*Fannie Velensky Prize—*highest standing in final year Nursing

BONITA ISABELLE BUNKER, Fredericton, New Brunswick

*Harry S. Velensky Prize—*best essay on subject of Human Relations

PATRICK SEBASTIAN BENNETT, Jamaica, West Indies

Videto-Hadley Memorial Prize

DAVID THEODORE SHARPE, St. John's, Newfoundland

Ambassador of Switzerland Prizes

French

PENELOPE ANNE MARSHALL, Fredericton, New Brunswick

German

HELGA LORE ROSLIN NIEBOJ, Saarbrucken, West Germany

CONFERRING OF HIGHER DEGREES IN COURSE

Candidates Presented by the Dean of Graduate Studies

DOCTOR OF PHILOSOPHY

RAMACHANDRAN BALASUBRAMANIAN (Electrical Engineering)

Periakulam, India
(B.E., University of Madras, 1963; M.E., I.I.Sc., Bangalore, 1965)
Title of Thesis: *Analysis of Systems containing Multidimensional Nonlinearities*

CHRISTOPHER ALEX DEMERSON (Chemistry) Saint John, New Brunswick
(B.Sc., University of New Brunswick, 1964)
Title of Thesis: *Synthetic Methods in Delphinine Chemistry*

GAJENDRA HARIKISANDAS SHROFF (Chemical Engineering) .. Amravati, India
(B. Tech., Nagpur University, 1959; M.Sc. in Eng., University of New Brunswick, 1965)
Title of Thesis: *Correlation of Transport Properties in Non-Ideal Binary Liquid Systems*

MASTER OF EDUCATION

GEORGE ALEXANDER DEMERSON Saint John, New Brunswick
(B.Sc., McGill University, 1955; B.Ed., University of New Brunswick, 1956)
Title of Report: *The Value of Correlations Between Marks in the Elementary School and Marks in the High School*

STANLEY EARL PORTER Marysville, New Brunswick
(B.P.E., University of New Brunswick, 1961; B.A., University of New Brunswick, 1966)
Title of Report: *A Study of the Physical Education Instructional Program at the High School Level in the English Language Schools of New Brunswick*

MASTER OF SCIENCE IN FORESTRY

ARNOLD THOMAS EASLEY Fredericton, New Brunswick
(B.Sc.F., University of New Brunswick, 1966)
Title of Thesis: *The Characteristics of Campers and Camping Groups at New Brunswick Provincial Parks*

JEPHTHAH ADHAYA ODERA Nairobi, Kenya
(B.Sc., University of Nairobi, 1966)
Title of Thesis: *A Study of the Insects Occurring in Cones of Eastern White Pine, Pinus Strobus L.*

JAMES FREDERICK STEWART Toronto, Ontario
(B.Sc.F., University of New Brunswick, 1966)
Title of Thesis: *Contact and Residual Studies of Low-Volume Application of Phosphamidon to Choristoneura Fumiferana (Clem.) on Two Species of Conifers*

MASTER OF SCIENCE IN ENGINEERING

PETER ADEYINKA OLAYINKA ADELEYE (Surveying Engineering)

Igede-Ekiti, Nigeria
(B.Sc., London, 1960; Dipl. Sur., 1963; ARICS, London, 1965)
Title of Thesis: *The Cadastral System: its Description, Critical Analysis and Evaluation and Suggestions on Lines of Necessary and Possible Improvements*

GEORGE THOMAS BEAULIEU (Civil Engineering) Fredericton, New Brunswick
(B.Sc. in Eng., University of New Brunswick, 1965)
Title of Thesis: *Fisheries Aspects of Aboiteau Design*

PETER JOHANNES BERGHUIS (Civil Engineering) Loppersum, Netherlands
(B.Sc., University of New Brunswick, 1962)
Title of Thesis: *The Usefulness of Photography in Harbour and Coastal Engineering Projects*

PATRICK CANNON (Chemical Engineering) Dublin, Eire
(B. Chem. Eng., University College, Dublin, 1965)
Title of Thesis: *The Calculation of Radiative Heat Flux in Furnace Enclosures, Using the Monte Carlo Method*

CHANG YUL CHA (Chemical Engineering) Lhollamdo, Korea
(M.Sc., Seoul National University)
Title of Thesis: *Fluid Dynamics of Flooded Plate Columns*

YUE SUN CHEN (Civil Engineering) Taiwan, China
(B.Sc., Chung Yuan Christian College of Science and Engineering, Chung Li, 1964)
Title of Thesis: *Weathering and Stripping of Asphaltic Concrete Pavement*

PHILIP NORCROSS GROSS, JR., (Civil Engineering) Fredericton, New Brunswick
(B.Sc. in Eng., University of New Brunswick, 1965)
Title of Thesis: *Basin Snowmelt and Hydrograph Synthesis in the North Nashwaaksis Stream Basin*

ZDENEK KALENSKY (Surveying Engineering) Prague, Czechoslovakia
(Dipl. Ing., Technical University of Prague, 1957)
Title of Thesis: *Quantitative Soil Moisture Interpretation from 35 mm Color Aerial Photographs*

JAMES DUNCAN MORRISON (Civil Engineering) Douglstown, New Brunswick
(B.Sc., University of New Brunswick, 1962)
Title of Thesis: *The Shear Vane Versus the Cone Penetrometer in Low Density, Fine-Grained Soils*

JAMES EDWARD DOUGLAS NORTHCOTE-GREEN (Electrical Engineering) Windsor, England
(Dipl., Farad House, Eng. College, 1963)
Title of Thesis: *Simulation Study of a Synchronous Machine*

DAVID GERALD FREDERICK SANSOM (Chemical Engineering) Moncton, New Brunswick
(B.Sc. in Eng., University of New Brunswick, 1965)
Title of Thesis: *Sulfatization of Manganese Ores*

DWIGHT GEORGE SCOTT (Mechanical Engineering) Shawinigan, Quebec
(B.Sc. in Eng., University of New Brunswick, 1964)
Title of Thesis: *An Analytical Method for the Five Position Synthesis of a Planar Four Bar Linkage*

MASTER OF ENGINEERING

JOHN LEE (Civil Engineering) Taiwan, China
(B.Sc., Cheng Kung, Taiwan Provincial University, 1964)
Title of Report: *The Estimation of Runoff from Rainfall for New Brunswick Watersheds*

RITWIK KUMAR RAY (Mechanical Engineering) Calcutta, India
(B.M.E., Jadaypur University, 1965)
Title of Report: *Photoelastic Properties of Materials*

SHIN-YOUNG SHAW SHIAU (Civil Engineering) Taiwan, China
(B.Sc., Taiwan Provincial Cheng Kung University, 1963)
Title of Report: *Evaluation of Evaporation and Potential Evapotranspiration at Selected Locations in New Brunswick*

JAMES MARLIN STORRING (Civil Engineering) Fredericton, New Brunswick
(B.Sc. in Eng., University of New Brunswick, 1965)
Title of Report: *A Computerized Approach to the Optimum Selection of Equipment For Excavation Operations*

MASTER OF SCIENCE

JORAM ILLAMWENYA AMISI (Biology) Maragoli, Kenya
(B.Sc., Tuskegee Institute, Alabama, 1964)
Title of Thesis: *Studies in Parasites of the genus Hydra*

SHIV CHARAN DASS (Physics) Muzaffarnagar, India
(B.Sc. (Physics) Agra University, 1961; M.Sc., Agra, 1963)
Title of Thesis: *Microwave Spectra and Dipole Moments of Allyl Mercaptan and Allyl Cyanide*

EDGAR LOCHLIN FERGUSON (Biology) Connecticut, U.S.A.
(B.Sc., University of Maine, 1963)
Title of Thesis: *The Population Status of the Blue Winged Teal in Central New Brunswick*

SHYAMALENDU GUHA (Physics) Shawinigan, Quebec
(M.Sc., Jadaypur University, 1962)
Title of Thesis: *A New Spectrum of the PO Molecule*

WILLIAM HARDY MCLWAIN (Geology) Clarkson, Ontario
(B.Sc., University of New Brunswick, 1962)
Title of Thesis: *Age and Origin of the Perry Formation (Devonian) Charlotte County, New Brunswick*

EDWARD DONALD MCSHEFFREY (Physics) Arnprior, Ontario
(B.Sc., St. Patrick College, 1962)
Title of Thesis: *Rotational Analysis of the C-X System of the SiCl Molecule*

MASTER OF ARTS

DOREEN MARGARET ALI (Romance Languages) Fredericton, New Brunswick
(B.A., University of the West Indies, 1965)
Title of Thesis: *The Subjunctive in Colloquial Spanish*

MAUREEN MARIE ARCHER-SHEE (English) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1963)
Title of Thesis: *Blake and MacPherson: Some Resemblances Between James MacPherson's Ossian and the Earlier Works of William Blake*

PAO LIANG CHU (History) Taiwan, China
(B.A., National Taiwan University, 1960)
Title of Thesis: *A Comparative Study of the Foreign Policies of Great Britain and Japan Respecting China, 1923-1928*

- JOSEPH GERARD PAUL DELANEY (English) Moncton, New Brunswick
(B.A., University of Moncton, 1964)
Title of Thesis: *Andrew Marvell's Use of Colour: Visual Wit and Sensual Symbol*
- ROBERT EMMETT GERAGHTY (Economics) Rockingham, Nova Scotia
(B.A., Sir George Williams University, 1964)
Course Degree
- STEVEN BROWN GOLDBERG (Sociology) New York, U.S.A.
(B.A., Ricker College, 1965)
Title of Thesis: *Attitudes of the Civil Service of New Brunswick and the Program of Evolution*
- NORMA JEAN GROSS (Economics) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1962)
Course Degree
- KATHERINE ELLEN HAGERMAN (Philosophy) Moncton, New Brunswick
(B.A., University of New Brunswick, 1965)
Title of Thesis: *A Critical Study of the Role of the Categorical Imperative in Kant's Ethics*
- TERENCE TREHARNE HUGHES (English) Aberdare, Wales
(B.A., Wales, 1966)
Title of Thesis: *The Treatment of Love in the Middle English Breton Lays*
- GEORGE HERBERT KITCHEN (Economics) Fredericton, New Brunswick
(B. Bus. Admin., University of New Brunswick, 1963)
Course Degree
- WILLIAM LAMPERT (Economics) Moncton, New Brunswick
(B.A., University of New Brunswick, 1966)
Course Degree
- CLIFFORD RUSSELL MARKS (Economics) Fredericton, New Brunswick
(B.A., Mount Allison University, 1961)
Course Degree
- HUGH ALEXANDER MARQUIS (Psychology) Moncton, New Brunswick
(B.A., University of New Brunswick, 1963)
Title of Thesis: *Inherited Retinal Abnormalities in Mice and Learning Under Noxious Stimulation*
- DANIEL JOSEPH McDONALD (Economics) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1964)
Course Degree
- ROBERT GRANT MCGREGOR (English) Waterloo, Ontario
(B.A., Waterloo Lutheran University, 1964)
Title of Thesis: *A Comparative Study of the Short Stories of Morley Callaghan and Ernest Hemingway*
- DAVID BLAKE MACKENZIE (Economics) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1965)
Course Degree
- JOHN STEPHEN MACKINNON (History) New Waterford, Nova Scotia
(B.A., St. Francis Xavier University, 1960)
Title of Thesis: *The Development of Local Government in the City of Saint John, 1785-1795*
- CRAIG CAMERON McLEOD (English) Fenelon Falls, Ontario
(B.A., University of New Brunswick, 1966)
Title of Thesis: *The Ideological Background of W. H. Auden's In Time of War*
- JAMES DELMAS OLTS (Economics) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1966)
Course Degree
- JAMES RICHARD RICE (History) Pembroke, Ontario
(B.A., University of New Brunswick, 1961)
Title of Thesis: *A History of Organized Labour in Saint John, New Brunswick, 1813-1890*
- JOSEPH PAUL-EMILE RICHARD (Economics) Cocagne, New Brunswick
(B. Com., St. Francis Xavier University, 1964)
Course Degree
- JOHN WILLIAM SKELTON (Economics) Baie Comeau, Quebec
(B.A., University of New Brunswick, 1965)
Course Degree
- SUSAN MARY STORRING (Romance Languages) Fredericton, New Brunswick
(B.A., University of New Brunswick, 1965)
Title of Report: *Le Probleme Minoritaire Dans Quelques Romans D'Yves Theriault*
- MATTHEW CHUNGKUEE SUH (Sociology) Ottawa, Ontario
(M.D., Korea, 1957; D.P.M., McGill University, 1963)
Title of Thesis: *A Sociological Study of the Role Conflicts Among Nursing Students*
- GUSTAAF ADOLF VANLOON (Economics) Fredericton, New Brunswick
(B.Sc., University of New Brunswick, 1963; B.B.A., University of New Brunswick, 1966)
Course Degree

CONFERRING OF BACHELORS' DEGREES IN COURSE

Candidates Presented by the University Orator

(Listed alphabetically, not by standing)

BACHELOR OF CIVIL LAW

ANDREWS, JEFFREY GORDON	St. Stephen, New Brunswick
ARSENEAU, ROBERT JOHN	Newcastle, New Brunswick
BATES, EDWARD DOUGLAS	St. Lambert, Quebec
BETTS, GORDON EDWARD HAROLD	Riverview Heights, New Brunswick
BRYDEN, JOHN GEDDES JR.	Nashwaaksis, New Brunswick
CLARK, DAVID ROBERT	Pointe Claire, Quebec
COLLIER, GEOFFREY CHRISTOPHER	Montreal, Quebec
COLWELL, HARRY GEORGE	Fredericton, New Brunswick
CULLINAN, BERNARD ALPHONSE	Saint John, New Brunswick
DESCHENES, ALEXANDER	Kedgwick, New Brunswick
HUNTER, DONALD GORDON	East Florenceville, New Brunswick
KENNY, ROBERT LESLIE	Fredericton, New Brunswick
LEBLANC, BERNARD OMER	Dieppe, New Brunswick
LETCHER, JAMES CHARLES	Moncton, New Brunswick
MACDONALD, CLYDE FINLAY	Sunny Brae, Nova Scotia
MICHAUD, JOSEPH CHARLES	Fredericton, New Brunswick
ROBBINS, JOHN MAX	Port Burwell, Ontario
RODGERS, ALEXANDER FRANK	Nashwaaksis, New Brunswick
SEHEULT, PETER DEVERTEULL	Fredericton, New Brunswick
SMITH, DOUGLAS LESLIE	Moncton, New Brunswick
TEDFORD, EDMUND EVERETT	Montreal, Quebec
THIBODEAU, GILLES CHARLES	Edmundston, New Brunswick
WALLACE, JAMES ARTHUR	Moncton, New Brunswick

BACHELOR OF EDUCATION WITH HONOURS

HUGHES, JEAN MARIE	Lower Millstream, New Brunswick
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BROOKINS, GEORGE DAVID	Saint John, New Brunswick
CHONG, CHOK-NGEE	Kuala Lumpur, Malaysia
CHUAH, KOK KIANG	Selangor, Malaysia
COFFIN, ALEXANDER ALVAN	Oromocto, New Brunswick
CONNELL, ROBERT BRIAN	Saint John, New Brunswick
COUGHLAN, MYRNA DOREEN	Saint John, New Brunswick
DAIGLE, YVES	Saint John, New Brunswick
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DOUCETTE, MICHAEL EDWARD	Saint John, New Brunswick
FERGUSON, JOEL MCLEOD	Flatlands, New Brunswick
FINLEY, RONALD DOUGLAS	Saint John, New Brunswick
FOWLER, JOHN EVERETT	Glace Bay, Nova Scotia
GAREY, KENNETH PAUL	Saint John, New Brunswick
GAREY, PATRICK ALAN	Saint John, New Brunswick
GOULD, JOHN	Moncton, New Brunswick
HACKETT, FELIX WINFIELD	Rothesay, New Brunswick
HAGERMAN, ELIZABETH ANNE	Fredericton, New Brunswick
HANNAH, ELEANOR BERNICE	Saint John, New Brunswick
HUBBARD, LUCY ELIZABETH	Fredericton, New Brunswick

JOHNSON, DOROTHY MARY GODSCHALL	Fredericton, New Brunswick
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LANGSTROTH, JANE HEATHER	Fredericton, New Brunswick
LEEFE, JOHN GORDON	Saint John, New Brunswick
LEGATT, CATHERINE DOROTHY	Chatham, New Brunswick
LIGHTLE, WILLIAM ALEXANDER	Saint John, New Brunswick
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MCCONAGHY, GERALD MANFORD	Woodstock, New Brunswick
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ALEXANDER	Charlottetown, Prince Edward Island
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MACKINNON, JOHN STEPHEN	Fredericton, New Brunswick
MARTIN, DONALD LUCIEN	Edmundston, New Brunswick
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MERSEREAU, HELEN ISABEL	Fredericton, New Brunswick
MICHAUD, GILBERT	Edmundston, New Brunswick
MOORE, ANNE MCELWAINE	Fair Vale Station, New Brunswick
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MURRAY, LINDA SHARON	Fredericton, New Brunswick
O'CONNOR, TERENCE WILLIAM JOSEPH	Fredericton, New Brunswick
PARKER, ARTHUR CHARLES BLACKFORD	Saint John, New Brunswick
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ROUSSY, JOHN EDMOND	Campbellton, New Brunswick
SELBY, ALLEN	Fredericton, New Brunswick
SHEPARD, ROBERT ARNOLD	Woodstock, New Brunswick
SQUIRES, GEORGE WINSTON	Diego Martin, Trinidad
STEEVES, CAROL DIANNE	Moncton, New Brunswick
STEVENS, LYNNE ANNE	Moncton, New Brunswick
TAYLOR, JOHN EDWIN BARTLETT	Saint John, New Brunswick
TREMBLAY, CHARLES EUGENE	Charlevoix, Quebec
WHALEN, JUDITH ANNE	Nashwaaksis, New Brunswick
WHITE, ELSPETH ANNE	Fredericton, New Brunswick
WILSON, JENNIE MAY	Coles Island, New Brunswick
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ZUNZANYIKA, XAVIER KEMBO	Bulawayo, Rhodesia

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CLARKE, HEATHER ANNE	Fredericton, New Brunswick (History)
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CORMIER, CHERYL LEE	Grand Falls, New Brunswick (English)
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EILU, PETER CELESTINE	Uganda, West Africa (History)
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GROSWEINER, SUSAN ESTELLE (English)	Saint John, New Brunswick
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LONG, MADELAINE LOUISE (Latin and Greek)	Fredericton, New Brunswick
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MUNRO, JAMES IAN (Mathematics)	Fredericton, New Brunswick
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PRIDDLE, CAROL ANN (English and German)	Saint John, New Brunswick
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THORNE, RICHARD GREGORY (History)	Saint John, New Brunswick
THURBER, NAN CAROLYN (English)	St. Andrews, New Brunswick
TURNER, ANNETTA LOUISE (English)	Fredericton, New Brunswick
URQUHART, CARL BURPEE (English)	Queen's County, New Brunswick
WILSON, MARY CHARLOTTE (English)	Moncton, New Brunswick

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JOHNSTON, DAVID MILES	Quebec City, Quebec
JOUDREY, LORIMER RAYBURN	Smith's Cove, Nova Scotia
KELLIER, ELEANOR ELISE	Fredericton, New Brunswick
KELSO, ALEXANDER IAN	Saint John, New Brunswick
KENNEDY, GREG NELSON	Saint John, New Brunswick
KILLAM, RONALD WALTER BLISS	Moncton, New Brunswick
KING, EARL STROUD	Fortune Bay, Newfoundland
KITCHEN, GERALD ALBERT	Fredericton, New Brunswick
KOVICH, JOHN STEVEN	Sault Ste. Marie, Ontario
LAMONT, FIONA MARY	Eustache, Quebec

LAUZON, PAUL JOSEPH LAURENT Welland, Ontario
LAWRENCE, GERALDINE MARIE Centreville, New Brunswick
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LEAL, SUSAN MARGARET Montreal, Quebec
LEBLANC, GARY WILFRED Moncton, New Brunswick
LITZ, HENRY ANDREW RICHARD Presque Isle, Maine
LIU, HSIAO-KU Fredericton, New Brunswick
LLOYD, HUGH GLASSCO Montreal, Quebec
MACALPINE, JUDITH ANNE Gagetown, New Brunswick
MACDONALD, BLAIR HOWARD Dalhousie, New Brunswick
MACDONALD, GLENNA IRENE Queens County, New Brunswick
MACDONALD, NANCY LYNNE Manotick, Ontario
MACDONALD, PETER IAN Moncton, New Brunswick
MCFADZEN, MARY ELLEN Fredericton, New Brunswick
MCGAUGHEY, DAN BRIEN Islamabad, Pakistan
MACKAY, MARY SUSAN Montreal, Quebec
MCKEAN, ALLEN ROSS Moncton, New Brunswick
MCKEOWN, MARY LOU SANDRA Fredericton, New Brunswick
MACKINNON, BRUCE CHARLES Islington, Ontario
MCKNIGHT, NANCY JANET Fredericton, New Brunswick
MCLAUGHLIN, GLENDON RAYMOND Fredericton, New Brunswick
MCLEOD, HEATHER MARGARET Saint John, New Brunswick
MCNAMARA, HAROLD STUART Toronto, Ontario
MACRAE, ELEANOR ANNE Fredericton, New Brunswick
MARSHALL, PENELOPE ANNE Ile Perrot, Quebec
MARTIN, JOSEPH SARTO RONALD Saint John, New Brunswick
MATHEWS, DOUGLAS JOHN St. Lambert, Quebec
MERRITHEW, CLAYTON LLOYD Aroostook, New Brunswick
MILLER, JANE BLAKEWAY Hamilton, Ontario
MITCHAM, NANCY JANE Baie d'Urfé, Quebec
MITTON, BRENDA MAE Moncton, New Brunswick
MOLLINS, HARTLEY DAVID Saint John, New Brunswick
MOORE, ANITA JOYCE Fredericton, New Brunswick
MOORE, RONALD DOUGLAS Fredericton, New Brunswick
MURPHY, MOLLIE ELLEN Port Elgin, New Brunswick
MYLES, JAMES HARVEY Fredericton, New Brunswick
NIEBOJ, HELGA LORE ROGLIN Fredericton, New Brunswick
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OLIVER, CHRISTIE MARILYN Marysville, New Brunswick
OWENS, DAVID ARTHUR Marysville, New Brunswick
PARENT, JUDY RUTHANNE Saint John, New Brunswick
PATTERSON, DONALD CAMERON Cooksville, Ontario
PRESCOTT, GERALDINE ELLA New Denmark, New Brunswick
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REID, JEFFORY ANDREW Montreal West, Quebec
RICHMOND, GEORGE ROBERT Montreal, Quebec
RICKETT, CHRISTOPHER RONALD Saint John, New Brunswick
RINZLER, MARSHALL MORLEY Fredericton, New Brunswick
ROACH, HECTOR PATRICK New Waterford, Nova Scotia
ROBERTSON, CHERYL LYN GAIL Plaster Rock, New Brunswick
RODRIGUEZ, ELIZABETH CATHERINE Keswick Ridge, New Brunswick
ROSS, RICHARD MALCOLM Woodstock, New Brunswick
SHERMAN, JOSEPH HOWARD Fredericton, New Brunswick
SHERRARD, KENNETH BLAKE Fredericton, New Brunswick
SIMMONS, MICHAEL EDWARD Fredericton, New Brunswick
GUEST, MARIE LOUISE (Sister) Saint John, New Brunswick
SPRAGG, JAMES MALCOLM Saint John, New Brunswick
SQUIBB, GEOFFREY WAYNE Fredericton, New Brunswick
STEEVES, ERIC LAMONTE Saint John, New Brunswick
STEVENSON, HARRY GEORGE Saint John, New Brunswick

STEWART, NEIL LOGAN Fredericton, New Brunswick
STEWART, WILLIAM JAMES Saint John, New Brunswick
SUSSEY, TERRENCE NELSON Fredericton, New Brunswick
THOMAS, ANNA MAXINE Woodstock, New Brunswick
TOBIN, MARILYN ANN Debec, New Brunswick
TORFASON, BETTY ANN Nashwaaksis, New Brunswick
TRITES, PETER GERALD Saint John, New Brunswick
UROUHART, MARGARET ANN JESSIE Fredericton, New Brunswick
VAICIULENAS, ALDONA KRISTINA Saint John, New Brunswick
VAN DER LINDE, HENDRIK Mendon, Massachusetts
VINCENT, ROBERT GEORGE Saint John, New Brunswick
WADE, SCOTT DAVID Neenah, Wisconsin
WALLACE, WILLIAM ROBERT Shawinigan, Quebec
WIGGINS, GRACE MARY Saint John, New Brunswick
WILSON, MARY HELEN Fredericton, New Brunswick
WILSON, WILLIAM VERNON Kingston, Ontario
WOLSTENHOLME, JAMES ALEXANDER Fredericton, New Brunswick
YORKE, MARY-JO Saint John, New Brunswick

BACHELOR OF SCIENCE WITH HONOURS

ANDREWS, GARY OSEGOOD St. Stephen, New Brunswick
(Mathematics)
BARR, SANDRA MARIE St. Stephen, New Brunswick
(Geology)
BATEMAN, MYRTLE CORA Dorchester Crossing, New Brunswick
(Biology)
EDWARDS, PHILIP DARREL Mouth of Keswick, New Brunswick
(Chemistry)
FAIRWEATHER, ELISABETH ANNE Hampton, New Brunswick
(Biology)
GOLDMAN, MALCOLM FRANK Fredericton, New Brunswick
(Chemistry)
JOHNSON, CATHERINE JEAN Fredericton, New Brunswick
(Physics)
JOHNSON, CHRISTOPHER STUART Newcastle, New Brunswick
(Mathematics)
MACALPINE, GERALD ARTHUR Gagetown, New Brunswick
(Chemistry)
SMITH, ROGER JOHN Fredericton, New Brunswick
(Biology)
YAP, FOOK-LOI Kuala Lumpur, Malaysia
(Geology)

BACHELOR OF SCIENCE

ALBERT, PAUL JOSEPH Edmundston, New Brunswick
AYER, FRANK WILLIAM Fredericton, New Brunswick
AYER, LINDA MARIE Lower Southamton, New Brunswick
BARRY, BRIAN RUSSELL Beaver Harbour, New Brunswick
BETTS, ROBBIE ALEXANDER Dorval, Quebec
BURSEY, CARL CEDRIC Gander, Newfoundland
CALDWELL, MARY ELLEN Grand Falls, New Brunswick
CLARK, JOHN BURTON Fredericton, New Brunswick
CLARK, MERVYN CLIVE Fredericton, New Brunswick
CROSBY, JOHN WALTER Bathurst, New Brunswick
DECARIE, STEPHEN WYLIE Kenogami, Quebec
DUNFIELD, EVERETT ROBERT Anagance, New Brunswick
FYFFE, LESLIE ROBERT Sussex, New Brunswick
GENGE, DIANE CONSTANCE Oromocto, New Brunswick
GILLIS, RODNEY JOHN Saint John West, New Brunswick

HUGHES, DANIEL MULLEN Fredericton, New Brunswick
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 LAHTI, HOWARD REINO Mattawa, Ontario
 LUFF, JOHN ANDREW London, Ontario
 MCGAW, DAVID EDWARD St. Stephen, New Brunswick
 MCINTYRE, WILLIAM ERNEST WHITFIELD Saint John, New Brunswick
 MCKNIGHT, SYDNEY MARKS St. Stephen, New Brunswick
 McMULLIN, KEITH DOUGLAS Fredericton, New Brunswick
 MADDEN, GORDON ALAN Moncton, New Brunswick
 MAURICE, BERTRAND HUGH Val-St-Michel, Quebec
 MITCHELL, BEVERLY KING Doaktown, New Brunswick
 NORTON, GORDON WILLIS Red Bank, New Brunswick
 NUSSEY, WILLARD GARTH Ormstown, Quebec
 ORCHARD, LORNA BELLE Fredericton, New Brunswick
 PELKEY, DONALD STEWART Saint John, New Brunswick
 PHILLIPS, EDWARD VERNON Fredericton, New Brunswick
 RAFFERTY, ELIZABETH REBECCA Rothesay, New Brunswick
 RAFFERTY, JAMES LEWIS Rothesay, New Brunswick
 ROBINSON, PEGGY-BETH Baie Comeau, Quebec
 SECOND, LLOYD DOUGLAS Moncton, New Brunswick
 TROMBLEY, KATHERINE FAY (Sister) Saint John, New Brunswick
 GARNEAU, MARION THERESA (Sister) Saint John, New Brunswick
 STOCKALL, JAMES ALFRED Moncton, New Brunswick
 VAHTRA, JAAN Saint John, New Brunswick
 VILLARD, DAVID JAMES Piedmont, Quebec
 WEAGLE, KENNETH VERNON Bridgewater, Nova Scotia
 WHITE, GERALD PATRICK Saint John, New Brunswick

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ADEKOYA, OLUGBENGA Ijebu-Ode, Nigeria
 ALLO, BABATUNDE THOMAS Lagos, Nigeria
 AMOS, DONNIE KENNETH McNamee, New Brunswick
 ARSENAULT, LIONEL Tracadie, New Brunswick
 ATWELL, BRUCE VANCE Hants County, Nova Scotia
 BASQUE, JEAN-MARC JOSEPH Tracadie, New Brunswick
 BRYSON, GORDON JAMES Ormstown, Quebec
 BUFFITT, THOMAS Valleyfield, Quebec
 CAMPBELL, JOHN PACKARD Saint John, New Brunswick
 CAMPBELL, MALCOLM ARTHUR CHARLES Fredericton, New Brunswick
 CARPENTER, LEONARD CARL Beaconsfield, Quebec
 CASSIDY, DOUGLAS GARY Moncton, New Brunswick
 CHAMPION, ERIC BRUCE Riviere Du Loup, Quebec
 CHEONG, QUEE WAH Singapore
 CHEVERIE, CARL JAMES Charlottetown, Prince Edward Island
 CHURCH, JOHN HALCOT Fredericton, New Brunswick
 COX, STUART AINSLEY Moncton, New Brunswick
 DOUCET, BERNARD GILBERT Miami, Florida
 EGBERONGBE, FATAI OLU-ABIMBOLA Abeokuta, Nigeria
 EMBLETON, WINSTON STUART Harvey Station, New Brunswick
 FORBES, DONALD PETER Fredericton, New Brunswick
 FRAM, WILLARD RONALD Moncton, New Brunswick
 FUDGE, JOHN GORDON Moncton, New Brunswick
 GERHARDT, EDWARD BURTON Brooklyn, Nova Scotia
 GIBSON, DAVID ROY Moncton, New Brunswick
 GOH, HON-CHUAN Sarawak, Malaysia
 GREEN, PAUL FREDERICK LOUIS Saint John, New Brunswick
 GRIFFIN, JOHN ERNEST Saint John, New Brunswick
 HALLIDAY, DAVID LAWRENCE Fredericton, New Brunswick

HAWKES, GEORGE DOUGLAS Sussex, New Brunswick
 HII, SIEW-HUA JAMES Sarawak, Malaysia
 HUGHES, ROBERT STEVEN Valleyfield, Quebec
 IFEDUBA, EMMANUEL CHUKUDI Nigeria, West Africa
 JOHNSON, GEORGE DOUGLAS Saint John, New Brunswick
 JOHNSON, LEE CHURCHILL Fredericton, New Brunswick
 JONES, ERIC RODNEY Moncton, New Brunswick
 KALEJAIYE, OLAGUNJU ADENUGA Lagos, Nigeria
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 KER, JOHN GERALD Fredericton, New Brunswick
 LANGFORD, HUGH STANLEY Shawville, Quebec
 L'AVENTURE, JOHN PERSSE Grand Manan, New Brunswick
 LIM, KIM HUI Sarawak, Malaysia
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 MACARTHUR, GORDON BURSEY Brantford, Connecticut, U.S.A.
 MACKAY, JOHN WELLINGTON Charlottetown, Prince Edward Island
 MACLEAN, NEIL CHARLES MACEY Chalk River, Ontario
 MARSHALL, WILLIAM KERMACK Fredericton, New Brunswick
 MATTHEWS, DAVID VICTOR Moncton, New Brunswick
 MCCLARE, LAURIE ELBERT Aylesford, Nova Scotia
 MCCrackEN, TONY GEORGE McAdam, New Brunswick
 MCGAVIN, BIRNIE ANDREW Willowdale, Ontario
 MURPHY, FRANCIS PATRICK Moncton, New Brunswick
 NG, POCK TOO Singapore
 O'BRIEN, KENNETH ROSS Moncton, New Brunswick
 PATTULLO, GARY KENNETH McAdam, New Brunswick
 PEEBLES, DAVID ROSS Montreal, Quebec
 PLOURDE, GHISLAIN St. Joseph-de-Madawaska, New Brunswick
 POH, LEE-JIN Sarawak, Malaysia
 POIRIER, ULYSSE JOSEPH Moncton, New Brunswick
 RICHARDS, PETER MCGILL Moncton, New Brunswick
 ROGERS, THOMAS STANLEY Montreal, Quebec
 SHERRARD, PAUL GREGORY Moncton, New Brunswick
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 STEEVES, GARY MANNING Moncton, New Brunswick
 SULLIVAN, RAYMOND BRIAN Saint John, New Brunswick
 SULLIVAN, WALLACE FRASER Pictou, Nova Scotia
 TAYLOR, GARY HILTON Fredericton, New Brunswick
 THOMSON, JOHN DEREK Como, Quebec
 TOYE, ALI OLARINOYE Ajassee-Ipo, Nigeria
 TRACY, KENNETH ROLAND Fredericton Junction, New Brunswick
 WALLACE, WILLIAM VINCENT Chatham, New Brunswick
 WALSH, JAMES HAROLD Campbellton, New Brunswick
 WONG, IT TIONG Singapore
 WRIGHT, JOHN PETER Riverview, New Brunswick
 YUE, SHING-HOI Hong Kong

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 ARMSTRONG, ROBERT BIRD Perth, New Brunswick
 BAKER, ROBERT WILLIAM London, England
 BARKHOUSE, GARY LESLIE Hillsboro, New Brunswick
 BEAUFLOY, STEPHEN JOHN Montreal, Quebec
 BRODERICK, JOHN HOWARD Sault Ste. Marie, Ontario
 BROWN, HAROLD WINSTON Fredericton, New Brunswick
 CASE, ALAN BOYDE Carbonear, Newfoundland
 CURRIE, MICHAEL BRUCE Keswick, New Brunswick

DICK, HAROLD AITON Saint John, New Brunswick
ELLIOTT, ROBERT GEORGE Lachine, Quebec
GARDINER, DUANE ORVILLE Chamcook, New Brunswick
HALL, JERROLD PETER Annapolis Royal, Nova Scotia
HILLIER, JOHN HOWARD Brantford, Ontario
ISHERWOOD, TREVOR RICHARD Sydney, Nova Scotia
LEGER, LOUIS Haut Carquet, New Brunswick
MACGREGOR, DUNCAN ALEXANDER New Glasgow, Nova Scotia
MOODY, BENJAMIN HALLET Belize, British Honduras
MURCHISON, HUGH GARY Port Credit, Ontario
NEWSTEAD, ROBERT GEORGE Kenora, Ontario
O'CONNELL, JAMES RODERICK Bathurst, New Brunswick
PELLEY, ROBERT MAXWELL LaSalle, Quebec
PIERCE, THOMAS WHITE Halifax County, Nova Scotia
PREBBLE, BRIAN DOUGLAS Fenwick, Ontario
QUICK, KENNETH BRIAN Bathurst, New Brunswick
REES, DAVID ALAN JOHN Lachine, Quebec
ROBINSON, ARTHUR JOSEPH Prescott, Ontario
ROSADO, OSCAR Belize, British Honduras
ROTH, JEROLD ZACHARI Montreal, Quebec
SAMANYA, PROTAS BARNABAS Tanzania, East Africa
SHARPE, DAVID THEODORE St. John's, Newfoundland
SMITH, WALKER BARNETT Waterloo, Ontario
SUTHERLAND, EDWARD DONALD Moncton, New Brunswick
TIMMER, VICTOR ROBERT Nairobi, Kenya
WHITE, AARON FRANCIS Stephenville, Newfoundland

BACHELOR OF BUSINESS ADMINISTRATION

ALWARD, DAVID ROY Sussex, New Brunswick
ANDERSON, ERIC GEORGE St. Stephen, New Brunswick
BOYLES, RONALD WILLIAM Charlottetown, Prince Edward Island
BRITAIN, WINSTON CHRISTIE Saint John, New Brunswick
BURNS, PETER ROBERT Montreal, Quebec
BURNS, ROBERT GORDON Charlottetown, Prince Edward Island
CAMERON, HOWARD GRAHAM Baddeck, Nova Scotia
CASSIDY, JOHN PAUL Moncton, New Brunswick
COATES, MASON JOHN Fredericton, New Brunswick
CONNELL, JACK RALPH Rothesay, New Brunswick
DAVISON, STUART FENTON Pleasantville, Nova Scotia
DOLAN, JOSEPH GERARD Moncton, New Brunswick
EDWARDS, ROBERT BRUCE Saint John, New Brunswick
FOSTER, WILLIAM DAVID Saint John, New Brunswick
FRADETTE, CLAIR WALTER Buzzard's Bay, Massachusetts, U.S.A.
FRASER, CHARLES INNES Montreal, Quebec
FULL, GORDON SPENCER Charlottetown, Prince Edward Island
GARDNER, EARL FREDERICK Antigua, West Indies
GIBBONS, GLEN JOHN Saint John, New Brunswick
JARDINE, JOCK DAVID Fredericton, New Brunswick
KALNINS, VIDVUDS ULDIS Nashwaaksis, New Brunswick
LLOYD, TERENCE CHANDLER Chipman, New Brunswick
MACDONALD, BEVERLY LOUISE New Glasgow, Nova Scotia
MACDONALD, DUNCAN LEWIS Sydney, Australia
MCMULKIN, JOHN WILLARD Gagetown, New Brunswick
MACNAMARA, DANNY BRUCE Fredericton, New Brunswick
MACNAUGHTON, JAMES ANDREWS Newcastle, New Brunswick
MARSHALL, ALLAN DOUGLAS Hampton, New Brunswick
NORTHROP, BRIAN THOMAS Sussex, New Brunswick
PAM, RONALD RICHARD Montreal, Quebec
PILE, THOMAS JOHN Oromocto, New Brunswick
REID, SHEILAH MAUDE Campbellton, New Brunswick

RUST, STANHOPE CARMAN Willowdale, Ontario
SPEER, BESSIE MAE Woodstock, New Glasgow
STEVENSON, DAVID WILLIAM New Glasgow, New Brunswick
STEVENSON, DONALD JOHN Charlottetown, Prince Edward Island
WILSON, MICHAEL VERNON Fredericton, New Brunswick
WILSON, RICHARD ALLAN Montreal, Quebec
ZAPORSKI, ANDREW MARION Montreal, Quebec

BACHELOR OF PHYSICAL EDUCATION

BELYEA, BYARD ERIC Saint John, New Brunswick
BENT, WILLIAM JOHNSON Belleisle, Nova Scotia
BREAU, JULIEN JOSEPH Fredericton, New Brunswick
CAIN, DONALD DOUGLAS Fredericton, New Brunswick
CALABRESE, HAZEN FRANK Newcastle Bridge, New Brunswick
CONNOR, HELEN MARGARET Fredericton, New Brunswick
CORBY, PETER THOMAS St. Stephen, New Brunswick
CRUCHET, PETER BRYAN Ste. Rose DeLaval, Quebec
DAYE, DAVID OSBORNE Woodstock, New Brunswick
DROVER, JANE KINNEAR (Mrs.) Fredericton, New Brunswick
EAGLE, JEAN LOUISE (Mrs.) Sydney River, Nova Scotia
ELLIOTT, LESLIE JEAN Saint John, New Brunswick
ERNST, MICHAEL SEDGWICK Mahone Bay, Nova Scotia
FINLEY, ARTHUR ERNEST Cooksville, Ontario
GULLIVER, MARY ANN ELIZABETH Fredericton, New Brunswick
HAVARD, MICHAEL KAINS Baie d'Urfé, Quebec
HICKS, RONALD JOSEPH St. Anthony, New Brunswick
HILL, DAVID LEROY Nashwaaksis, New Brunswick
HOLT, SHEILA OLIVE Summerside, Prince Edward Island
HUGGAN, LYALL SPENCER Charlottetown, Prince Edward Island
HUTCHEON, EVELYN JEAN Moncton, New Brunswick
JENSEN, PETER KENNETH Noranda, Quebec
JONES, GARY WAYNE Fredericton, New Brunswick
KINNEAR, SUSAN ELIZABETH Town of Mount Royal, Quebec
LANGILLE, ANN MAUREEN Pictou, Nova Scotia
MCDONALD, WILLIAM JAMES Rosemere, Quebec
MADILL, HERBERT WILLIAM St. Andrews, New Brunswick
MEISTER, RICHARD GORDON New Ross, Nova Scotia
PATTERSON, CAROLE MURIEL (Mrs.) Ancaster, Ontario
POLLOCK, FREDERICK JOHN WHITCOMB London, Ontario
RICHARDSON, DOUGLAS ALLAN Ste Foy, Quebec
ROSS, TAMMY BEVERLY Truro, Nova Scotia
SCARBOROUGH, ANN CAVERHILL Saint John, New Brunswick
SINCLAIR, HELEN ELIZABETH Montreal, Quebec
TETREAULT, BRUCE HOPKIN Ile Perrot, Quebec
THOMPSON, JOHN REGINALD Huntingdon, Quebec
VANWART, ANN AMANDA Fredericton, New Brunswick
WARD, SADIE MARILYN Cambridge Station, Nova Scotia
WINSLOW, MARTIN KINDER Peterborough, Ontario

BACHELOR OF TEACHING

Elementary

ALLABY, LLOYD FRANCIS Fredericton, New Brunswick
BROOKS, APRIL ELIZABETH Florenceville, New Brunswick
BROWN, ROBERT ARTHUR Nashwaaksis, New Brunswick
CARTER, PATRICIA ALICE Saint John, New Brunswick
D'ARCY, MARGARET LOUISE Saint John, New Brunswick
DAVIS, LUCILLE ELAINE Harvey Station, New Brunswick
DELONG, LORNA MARIE Fredericton, New Brunswick
DOWNING, MARGARET FORBES Fredericton, New Brunswick

DRURY, MICHAEL JAMES SELWYN	Fredericton, New Brunswick
FYFFE, LAURENCE JAMES	Corn Hill, New Brunswick
HOGAN, EVELYN MARIE	Westfield, New Brunswick
HORSMAN, DOUGLAS GERALD	Fredericton, New Brunswick
MCGUIGAN, SHARON ELAINE	Dumfries, New Brunswick
MACVICAR, GWYNETH KATHRYN	Chipman, New Brunswick
MCGOWAN, FRANCES MARGUERITE (Sister)	Saint John, New Brunswick
NICE, DAVID LINCOLN	Saint John, New Brunswick
RIORDON, MARY-JANE	Bathurst, New Brunswick
SHAW, DALE PHILLIP	Fredericton, New Brunswick
STEPHENSON, PATRICIA SHEILA	Edmundston, New Brunswick
TIMS, GAIL MARIE	Fredericton, New Brunswick
WALDRON, ALICE ALMA	Nashwaaksis, New Brunswick
WEST, STEWART NORMAN	Moncton, New Brunswick
WHITE, STEPHEN MAXWELL	Fredericton, New Brunswick
WOOD, MARY GERALDINE	Fredericton Junction, New Brunswick
YOUNG, BARBARA ELIZABETH	Ripples, New Brunswick

Commercial

BEERS, LIONEL WAYNE	Fredericton, New Brunswick
FOLKINS, GRACE LAURA	Sussex, New Brunswick

Industrial

BROWN, RONALD JAMES	Saint John, New Brunswick
SHAW, STANLEY AUSTIN	Woodstock, New Brunswick

BACHELOR OF NURSING

BETTS, DIANE ELMIRA	Halifax, Nova Scotia
BUNKER, BONITA ISABELLE	Fredericton, New Brunswick
CHARLTON, MARILYN DAWN	Montreal, Quebec
DICKISON, JOAN ELIZABETH	Montreal, Quebec
ELLIOTT, MYRNA LOUISE	Campbellton, New Brunswick
GASKIN, JANET ETHEL	Borden, Ontario
MAHONEY, SUZANNE PATRICIA	Saint John, New Brunswick
MILLER, SARAH ANN	Dalhousie, New Brunswick
MINERS, SUSAN ELIZABETH	Arvida, Quebec
PATTULLO, HEATHER ANNE (Mrs.)	Lewisville, New Brunswick
ROSS, CATHERINE ELLEN	Pointe Claire, Quebec
SHANKS, KAREN RUTH	Fairview, Nova Scotia
SIMCOCK, ANN CATHERINE	Shilo, Manitoba
SIMPSON, JANICE CRAIG	Chatham, New Brunswick
SPEAR, DIANNE LOUISE	New Richmond, Quebec
STEEVES, HEATHER CHRISTINE	Moncton, New Brunswick
WILMSHURST, MARGARET ANNE	Newport, Nova Scotia
WRIGHT, DIANE MARIE	Fredericton, New Brunswick

- Marshall of Encaenia: WILLIAM Y. SMITH, B.A., M.A.
Head of the Department of Economics and Political Science

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.