

Twenty-eighth Convocation

Thursday 14th October

1982

Aitken University Centre

University of New Brunswick

Fredericton Campus

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 Convocation, following the singing of O Canada, to remain until the Academic Procession has left.

Music for the Twenty-eighth Convocation is by the Royal Canadian Regiment Band by kind permission of Brig. Gen. J. J. Morneau, CD, Base Commander, Combat Training Centre, Canadian Forces Base Gagetown, and under the direction of Captain D. W. Embree, CD.

Graduates, their guests and the public are cordially invited to the Convocation Tea in the Student Union Building Ballroom immediately following the ceremony.

INTRODUCTORY MUSIC

Academic Festival Overture *Johannes Brahms*
"Chiapanecas" — a Mexican folk song *arr. Raphael Mendez*
An Age of Kings *Sir Arthur Bliss*

ORDER OF PROCEEDINGS

PROCESSIONAL MARCH

Academic Processional March *Fackepohl*

Chair taken by The Honourable George F. G. Stanley, O.C., D-ès-L, D.Litt.,
Lieutenant-Governor of New Brunswick and Visitor to the University on behalf of
Her Majesty The Queen.

VICEREGAL SALUTE

INVOCATION

Rev. Monte Peters, B.A., B.Th., B.Ed., Campus Ministry

REMARKS BY THE PRESIDENT AND VICE-CHANCELLOR

James Downey, B.A., B.Ed., M.A., Ph.D.

PAYMENT OF THE QUIT RENT

PRESENTATION OF PRIZES

Presentation by Robert E. Burrige, B.Sc., M.S., Ph.D., Vice-President (Academic)

CONFERRING OF DEGREES OF DOCTOR OF PHILOSOPHY IN COURSE

Candidates will be presented by Merrill A. Edwards, B.Sc., M.Sc., Ph.D., Acting
Dean of the School of Graduate Studies and Research.

CONFERRING OF MASTERS' DEGREES IN COURSE

Candidates will be presented by the Acting Dean of the School of Graduate
Studies and Research.

CONFERRING OF POSTGRADUATE BACHELORS' DEGREES IN COURSE

Candidates will be presented by David R. Galloway, M.C., B.A., M.A., University
Orator.

CONFERRING OF BACHELORS' DEGREES IN COURSE

Candidates will be presented by the University Orator.

O CANADA

RECESSIONAL MARCH

A Stately March *R. Thielman*

Parade Marshall: George R. DeMille, B.Sc., M.Sc., Ph.D.

OCTOBER 1982 PRIZE LIST

Lieutenant-Governor's Silver Medal

Education

TWILA F. BUTTIMER

Alumni Prize

JOANNE AGNES BRENNAN

HO-CHEUNG WONG

Ambassador of Spain's Prize I

BARRY DWIGHT McNIGHT

DAWN-MARIE TERESA GOODINE

Ambassador of Spain's Prize II

LORI ANNE BURRIDGE

Ambassador of Switzerland's Prize

JOHN PETER KILBURN

Aesthetics Book Prize

JOHN DAVID HUNTING

Marian Anderson Memorial Scholarship

GREGORY KEITH BETTS

CLAUDIA EPPERT

C. W. Argue Scholarships

CHRISTOPH HERMANN GREIN

ANDREA ELIZABETH HICKEY

WENDY LYNN SMITH

Association of Professional Engineers of New Brunswick Prize

1st Year

HO-CHEUNG WONG

2nd Year

DAVID EVAN MILLER

Atlantic Analytical Prize in Chemistry

TRACY VICTORIA BELL

MARGUERITA CAROL H. CLARK

Marshall D'Avray Prize in English Literature

CAROL ELIZABETH YOUNG

Dr. A. G. Bailey Alumni Scholarship

JOSEPH DANIEL HUBBARD

Loring Woart Bailey Prize in Science

JOHN KILBURN COOPER

WENDY LYNN SMITH

Dr. A. Foster Baird Alumni Scholarship

MARGARET ANNE GALLAGHER

Viscount Richard Bedford Bennett Scholarships

(Education)

JENNIFER LYNN AIKMAN

ELLEN JOYCE HAMBROOK

Viscount Richard Bedford Bennett Scholarships

(Forestry)

IAN H. TAVISS

WILLIAM ARTHUR DAVIS

John Storrs Brookfield Scholarship

CHRISTOPH HERMANN GREIN

CHRISTIAN FRIESEN

Kingsbury Browne, Sr. Memorial Scholarship

RANDOLPH LEE McKINLEY

Edwin Botsford Busteed Memorial Scholarship

CATHERINE LEE WILTSHIRE

Adam Cameron Prize

JOANNE AGNES BRENNAN

HO-CHEUNG WONG

Canada Law Book Prizes

Contracts

GEORGE HENRY LeBLANC

Jurisprudence

DUFF R. WARING

Canadian Society of Petroleum Geologists Award

RICHARD KAREL VALENTA

Bliss Carman Memorial Prize

WANDA RUTH McNALLY

Carswell Prizes

1st Year

SIDNEY BRYANT LESTER SMITH

2nd Year

PETER EDWIN FALK

W. S. Carter Memorial Prize

JOANNE ELIZABETH SPENCER

Certified General Accountants Association of Atlantic Region Prize

ROBERT WILLIAM WALTER HENRY

Chemical Institute of Canada Prizes

Chemical Engineering

CHAI GEOK TAN

Chemistry

PHILIP DUNCAN ACOTT

K. R. Chestnut Memorial Prize

ANDREW GLEN CARROTHERS

Simon Chippin Scholarship

DAVID ALAN KOLOTELO

Clarkson, Gordon & Company Prize

VICKI IRENE COUGHEY

Michael R. Cochrane Memorial Medal

KENNETH EDWARD MacDONALD

R. J. Collier Memorial Scholarship
MICHAEL FRANCIS TONER

Dr. Phillip Cox Memorial Prize
NORA GERARDA GAUDETTE

Department of English Travel Prize
GEORGE CAREY MacLELLAN

Digital Equipment of Canada Prize
HAROLD DOUGLAS DYKEMAN

Dorothy Bennett Elson Prize
MARY ANNE C. DENCER
SUSAN LEE

English Departmental Essay Prizes
1st Year
FRANCES LOUISE BRYAN
2nd Year
JOHN PETER KILBURN
3rd Year
RICHARD JAMES HULL

Exmoor Prize
VICKI IRENE COUGHEY

B. W. Flieger Memorial Prize
TIMMY WARD WHYNOT

Dr. Berton C. Foster Memorial Scholarship
SUSAN LEE

Forestry Special Scholarship
ARTHUR GORDON MANN

Ralph St. J. and Charles F. Freeze Prize
LORI ANNE BURRIDGE

L. A. Gale Scholarship
MICHAEL JOSEPH GOURLEY

Garson Memorial Scholarship
HO-CHEUNG WONG

J. Miles Gibson Forestry Award
PHILLIPPE BERNARD LeBLANC
WAYNE DAVID McCURDY

Allan K. Grimmer Scholarships
SANJAY RASIKLAL SANGANI
CAROL LYNNE SILLIPHANT
CARL ANDREW SMALL

F. Howard Grimmer Prize
PAUL ANDREW MacPHERSON

Richard Burpee Hanson Scholarship
GREGORY KEITH BETTS

Thomas Harrison Memorial Scholarship
CHRISTOPH HERMANN GREIN

Hebrew Congregation of Fredericton Scholarship
LARRY GILBERT DeLONG
KIMBERLEY LAURA MAE DOUGLASS

Dr. C. C. Jones Scholarship
HO-CHEUNG WONG

Dr. W. C. Keirstead Prize in Philosophy
LISBETH MARY BARRY

Norman L. Kissick Memorial Prize
GERARD THOMAS McVORRAN

Gottfried Konecny Survey Award
CAROLINE ANNE COVER

Lingua Awards
SUSAN JEAN DODDS
MIRA CHIARA GLOSS
KATHERINE ILONA PADER
CAROLYN ANN YOUNG

Herbert S. Lipsett Memorial Award
URSULA BRIGITTE KAISER

Dr. Katherine MacLaggan Memorial Scholarship
CHERY LEE BRIDEAU

Fred Magee Scholarships
NATALIE ELLEN BULL
PAUL ANDREW MacPHERSON
KATHLEEN JESSIE McHUGH

Chester Martin Prize in History
MARTIN LATHE NICOLAI

George A. McAllister Book Prize in Torts
MARIO ROLAND DiCARLO
ANNE WARNER LaFOREST

Thomas Forsyth McIlwraith Prize
LUCY ANN WILSON

Margaret McPhedran Prizes
RN
HEATHER LYNN MacDONALD
Basic
CHERY LEE BRIDEAU

Montgomery Campbell Prize
SUE YVETTE PHILLIPS

New Brunswick Institute of Chartered Accountants Prize
ROBERT WILLIAM WALTER HENRY

Nova Scotia Forestry Association Scholarship
WAYNE DANIEL McCURDY

Philosophy Book Prizes
GREGORY KEITH BETTS
FRANCOIS RENAUD
CAROL ELIZABETH YOUNG

Sir Charles G. D. Roberts Memorial Prize
KEVIN RUSSELL YERXA

Eunice White Robertson Scholarship
Carolyn Ann Young

Saint George Scholarship
GREGORY KEITH BETTS

School of Computer Science Prize
HOWARD GLENN BRAUEN

Agnes Nevers Shaw Award
HAZEN WENDELL BARRETT

Society of Management Accountants of New Brunswick Prize
DAWN-MARIE TERESA GOODINE

William Somerville Scholarship
CHRISTIAN FRIESEN

Merlyn Stilwell Memorial Prize
ROBERT GERALD FRASER

Noel Stone Memorial Prize
DAWN ELIZABETH McNIVEN

Tractors & Equipment (1962) Scholarship in Business Administration
JAMES RICHARD ELLIS

Tractors & Equipment (1962) Scholarships in Forestry and/or Forest Engineering
RORY FENTON FRASER
STEPHEN GEORGE HENLEY

Tractors & Equipment (1962) Scholarship in Geology
STEPHEN ADAIR MARSTON

D. O. Turnbull Memorial Scholarship
REGINALD JOSEPH GAGNON

Dr. E. O. Turner Prize
STEVEN GARRY GRANT

Union Carbide Canada Limited Prize I
ROBERT BLOIS COLPITTS

Union Carbide Canada Limited Prize II
DIANE JANETTE MARIE KING

Harry Velensky Prize
MARTIN LATHE NICOLAI

Lorenzo N. Wadlin Scholarship
STEPHEN RICHARD SAUNDERS

R. L. Weldon Scholarship
GEORGE VASSOU HADJISOPHOCLEOUS

Edna May White Scholarships
CONSTANCE MARY IRELAND
ARVELLA ROSE TILLEY

W. T. Whitehead Memorial Scholarship
WILLIAM ARTHUR DAVIS

Agnes Grey Wilson Prize
SUZANNE HAZEL MULLETT

Xerox of Canada Limited Fellowship
ROBERT WILLIAM WALTER HENRY

CONFERRING OF HIGHER DEGREES IN COURSE

*Candidates will be presented by the Acting Dean
of the School of Graduate Studies and Research*

DOCTOR OF PHILOSOPHY

- VIPIN KUMAR AGARWAL (Chemistry)
(B.Sc. 1973, M.Sc. 1975, University of Lucknow, India)
Title of Thesis: *Chemical Constituents Of Asterias vulgaris*
- LORRAINE MARGARET ANNE ALEXANDER (Chemical Engineering)
(B.Sc. 1978, Memorial University of Newfoundland)
Title of Thesis: *Heat Penetration Studies In Sand*
- DERK MAX BLOUW (Biology)
(B.Sc. 1972, M.Sc. 1977, University of Manitoba)
Title of Thesis: *The Adaptive Significance Of A Polymorphism For Dorsal Spine Number In Apeltes Quadracus, And Comparison With Several Coexisting Sticklebacks*
- ALI AKHTAR JAVED (Biology)
(B.Sc. 1974, M.Sc. 1976, University of Karachi, Pakistan)
Title of Thesis: *Isolation of Poly (A⁺) mRNA And Enzyme Immobilization By Hyrophobic Affinity Chromatography*
- DENIZ KARMAN (Chemical Engineering)
(B.Sc. 1971, Middle East Technical University, Turkey; M.Sc. 1974, Ege Universitesi, Turkey)
Title of Thesis: *The Spectral Distribution Of Radiant Intensity From A Test Furnace And The Effect Of Carbon Particles*
- HAIDER ABBAS KHAWAJA (Chemistry)
(B.Sc. 1972, University of Karachi; M.Sc. 1977, Lakehead University)
Title of Thesis: *Excited Complex Formation Between Aromatics And Simple Halocarbons*
- ANDREW JULIAN PATTISON (English)
(B.A. 1978, Bristol University, England; M.A. 1980, U.N.B.)
Title of Thesis: *The Sceptical Vision: Doubt In The Poetry Of John Brooks Wheelwright*
- DIETER SCHNEIDER (Surveying Engineering)
(Dipl. Ing. 1977, Federal Institute of Technology (ETH), Zurich)
Title of Thesis: *The Complex Strain Approximation In Space And Time Applied To The Kinematical Analysis Of Relative Horizontal Crustal Movements*
- HARIHARAN SIVARAMAKRISHNAN (Chemistry)
(B.Sc. 1973, Madurai University; M.Sc. 1975, University of Bombay, India)
Title of Thesis: *The Total Synthesis Of Epimeric Methyl Digitoxigenins And A Synthesis Of 16 β -Hydroxy Actodigine*

MASTER OF ARTS

- MOSLEH UDDIN AHMED (Mathematics and Statistics)
(B.Sc. 1968, University of Dacca; M.Sc. 1970, University of Chittagong, Bangladesh)
Title of Report: *Transformation Near-Rings*
- MARY TERESA BRODKORB (English)
(B.A. 1966, Memorial University of Newfoundland)
Title of Thesis: *A Study Of Yeats's "A Man Young And Old"*

- ANNE-LOUISE BROOKES (Anthropology)
(B.A. 1979, McMaster University)
Title of Thesis: *Ritual Process In A Women's Transition House: Conjuring A New Social Paradigm*
- ROBERT EDWARD COCKRAM (History)
(B.A. 1971, Royal Military College of Canada)
Title of Thesis: *Canadian Gunner Battle School 1943-45: The Italian Campaign And The Employment Of the 1st Canadian Infantry Division's Artillery*
- JOHN BLAIR CORBETT (English)
(M.A. 1981, University of Glasgow)
Title of Thesis: *A Stylistic Study Of Selected Poems By William Dunbar*
- BARBARA JEAN ERSKINE (Psychology)
(B.Sc. 1977, University of Toronto)
Title of Thesis: *Conceptual Systems Theory: A Case Study Of A Typological Personality Theory*
- JANET LEE FORSYTH (Economics)
(B.A. 1978, U.N.B.)
Title of Thesis: *The Theory Of Labour-Managed Firms*
- JOHN PALMER GEORGE, JR. (Sociology)
(B.A. 1980, University of Georgia)
Title of Thesis: *The Planter Class In Hancock County, Georgia, 1850-1870: A Study In The Decline Of Power And Privilege*
- ALEID AFIENA AGNES KAMMINGA (Anthropology)
(L.S. 1969, Vrije Universiteit, The Netherlands; M.A. 1977, The University of Western Ontario)
Title of Thesis: *Catholics And Protestants In An Eastern Netherlands Farming Community*
- BARBARA CONSTANCE MACAULAY (French)
(B.A. 1978, U.N.B.)
Title of Report: *Etude Critique De La Traduction De Quatre Textes Publicitaires*
- MICHAEL GREGORY MARQUIS (History)
(B.A. 1980, Saint Francis Xavier University)
Title of Thesis: *The Police Force In Saint John, New Brunswick 1860-1890*
- JIM WILLIAM McDOOLING (Anthropology)
(B.A. 1980, The University of Calgary)
Title of Thesis: *The Fishermen: Transition In A Northeast Coastal Community Of Newfoundland*
- ROGER PAUL NASON (History)
(B.A. 1972, St. Thomas University)
Title of Thesis: *Meritorious But Distressed Individuals: The Penobscot Loyalist Association And The Settlement Of The Township Of St. Andrews, New Brunswick, 1783-1821*
- AYANA NEPHTALEM (Economics)
(B.A. 1980, St. Thomas University)
Title of Report: *The Economic Costs And Benefits Of Refugee Movements: The Canadian Experience*
- ENOCK ODURO (Economics)
(B.A. 1978, University of Science and Technology, Ghana)
Title of Report: *International Migration And Less Developed Countries*
- EBENEZER OTUTEYE (Economics)
(B.A. 1979, University of Ghana, Legon)
Title of Report: *Pareto Optimality And The Allocation Of Resources*

- PERRY STAFFORD BERNETTE ROBINSON (Philosophy)
(B.A. 1978, U.N.B.)
Title of Thesis: *A Critical Evaluation Of Anthony Kenny's Arguments Supporting A Legal Distinction Between Killing With Intention And Killing With Foresight*
- ROBERT LOUIS THEORET (Psychology)
(B.A. 1979, Concordia University)
Title of Thesis: *Effect Of Progressive And Autogenic Methods Of Relaxation Training As A Function Of Locus Of Control*
- JOHN EDWARD VAN BUREN (Philosophy)
(B.A. 1980, St. Thomas University)
Title of Thesis: *Forms (EIDE), Being (TO ON), And Excellence (ARETE) in Plato*

MASTER OF SCIENCE

- ANAND KUMAR SINGH DALJEET (Chemistry)
(B.Sc. 1978, McMaster University)
Title of Thesis: *Some Constituents Of The Sea Cucumber Cucumaria frondosa*
- JANICE MARIE MOORE (Biology)
(B.A. 1976, B.Sc. 1978, U.N.B.)
Title of Thesis: *Seedfall Into Areas Of The Acadian Forest And The Establishment Of Soil Seed Pools*
- JANE ELLIS PERCY (Biology)
(B.Sc. 1977, U.N.B.)
Title of Thesis: *A Comparison Of The Effects Of In Vitro Colchicine Treatment Upon Begonia X Hiemalis Fotsch. And Saintpaulia Ionantha Wendl.*
- THOMAS GRAY RAND (Biology)
(B.Sc. 1979, Saint Mary's University)
Title of Thesis: *The Morphology And Ecology Of Allocreadium Lobatum Wallin (Digenea: Allocreadiidae) In Semotilus Corporalis (Mitchill) (Cyprinidae)*

MASTER OF SCIENCE IN ENGINEERING

- HARRY BRIAN EVANS (Electrical Engineering)
(B.Sc.E. 1978, U.N.B.)
Title of Thesis: *Signal Processing For The Proportional Myoelectric Control System*
- MARINOS KAVOURAS (Surveying Engineering)
(B.Sc. 1979, National Technical University of Athens, Greece)
Title of Thesis: *On The Detection Of Outliers And The Determination Of Reliability In Geodetic Networks*
- NAIMAT ULLAH KHAN (Mechanical Engineering)
(B.Sc.E. 1978, University of Engineering and Technology, Pakistan)
Title of Thesis: *A Study Of Transient Stresses In Plates Containing Asymmetric Elliptical Holes*
- LEE PAUL EDWARD KOELBL (Mechanical Engineering)
(B.Sc.E. 1981, U.N.B.)
Title of Thesis: *The Integration Of CAD/CAM Through Data Base Technology And An Investigation Of Solid Geometric Modelling*

- MANUEL MARCELINO LUNAR GONZALES (Surveying Engineering)
(Geodetic Eng. 1964, Universidad del Zulia, Venezuela; Photogram. Eng. 1973, I.T.C., Holland)
Title of Thesis: *Planning And Cost Of Photogrammetric Projects*
- JOSE MARIA RODRIGUEZ BALBUENA (Mechanical Engineering)
(B.Sc.E. 1980, U.N.B.)
Title of Thesis: *A CAD System For The Glass Container Manufacturing Industry*
- JOSEPH MICHEL EDOUARD SAVOIE (Electrical Engineering)
(B.Sc.E. 1977, U.N.B.)
Title of Thesis: *Design Of Attitude Control Systems For A Three-Axis Stabilized Satellite*
- TOMMY CHEUNG CHIU TANG (Civil Engineering)
(B.Sc.E. 1980, U.N.B.)
Title of Thesis: *Resistance To Flow In Partially-Covered Channels*

MASTER OF ENGINEERING

- ROY BRENT AMERO (Chemical Engineering)
(B.Sc. 1980, Dalhousie University)
Title of Report: *Sinter Reduction In A Lead Blast Furnace*
- MAURICE JOSEPH LEO BOURGEOIS (Civil Engineering) — POSTHUMOUSLY
(B.Sc.E. 1975, U.N.B.)
- GLENN DOUGLAS MURRAY (Civil Engineering)
(B.Sc.E. 1978, U.N.B.)
Title of Report: *Asphaltic Concrete Containing "Verglomit" Deicing Agent*

MASTER OF EDUCATION

- JOANNE ABBOTT
(B.P.E. 1979, U.N.B.)
- DENIS HENRY ARCHER
(B.A. 1971, B.Ed. 1974, St. Thomas University)
- CARSON RENFORTH ATKINSON
(B.A. 1969, B.Ed. 1972, Mount Allison University)
- ROBERT WILLIAM COLLICOTT
(B.A. 1972, B.Ed. 1973, St. Thomas University)
- WENDELL BILLINGS COLPITTS
(B.A. 1961, B.Ed. 1963, U.N.B.)
- CYRIL PATRICK DONAHUE
(B.A. 1971, B.Ed. 1973, St. Thomas University)
- HEATHER JOY EDNEY
(B.N. 1975, U.N.B.)
- GEORGE BERNARD ESTABROOKS
(B.T. 1977, U.N.B.)
- MICHAEL FRANCIS HALEY
(B.T. 1970, B.A. 1971, St. Thomas University)

JOHN ERIC HART
(B.P.E. 1969, B.A. 1970, U.N.B.; M.S. 1973, University of Oregon; B.Ed. 1975, U.N.B.)

GRACE PHYLLIS MacKENZIE
(B.A. 1976, B.Ed. 1978, M.Ed. 1979, U.N.B.)

SISTER MARY ANN MAXWELL
(B.A. 1969, B.Ed. 1971, U.N.B.)

IRIS GERTRUDE McCOY
(B.T. 1978, U.N.B.)

ROBERT PATRICK McNEIL
(B.A. 1973, B.Ed. 1974, St. Thomas University)

GERARD JAMES MERSEREAU
(B.A. 1969, St. Francis Xavier University; B.Ed. 1972, St. Thomas University)

CAROLYN EDYTH MILLS
(B.A. 1969, B.Ed. 1970)

JOAN MARIE MURCHISON
(B.T. 1978, Université de Moncton; B.Ed. 1979, U.N.B.)

JOHN DALE MUSCROFT
(B.P.E. 1970, B.A. 1972, U.N.B.)

WILLIAM WARREN NUGENT
(B.A. 1976, B.Ed. 1977, St. Thomas University)

JULIAN ANTHONY RIVA
(B.Sc. 1970, B.Ed. 1980, U.N.B.)

DOUGLAS LIONEL SMITH

ROBERT ALLAN SPURR
(B.A. 1973, B.Ed. 1976, U.N.B.)

MARY DELLA TAIT
(B.A. 1973, B.Ed. 1975, U.N.B.)

DARRELL WAYNE TOMILSON
(B.Sc. 1970, B.Ed. 1972, U.N.B.)

WAYNE LORNE TRAIL
(B.T. 1973, B.Ed. 1976, U.N.B.)

ALICE ALMA WALDRON
(B.T. 1968, B.Ed. 1971, U.N.B.)

PETER MICHAEL WHITE
(B.B.A. 1970, University of Prince Edward Island; B.Ed. 1972, Université de Moncton)

KATHRYN GAY WILSON
(B.A. 1971, Dalhousie University; B.Ed. 1973, Saint Mary's University)

MASTER OF SCIENCE IN COMPUTER SCIENCE

DAVID HENRY COPITHORNE CARSON
(B.Sc.(C.S.) 1976, U.N.B.)
Title of Thesis: *A Study Of Central Site Support For Micro-Computers*

RALPH WAYNE PATTERSON
(B.Sc. 1966, M.Sc. 1967, University of Toronto; Ph.D. 1971, University of Michigan)
Title of Thesis: *An Information Retrieval System For Use In The Teaching Of Database Management Systems*

ANNE CROMWELL STRATTON
(B.Sc. 1978, Mount Allison University; B.Sc.(D.A.) 1980, U.N.B.)
Title of Thesis: *Comparison Of Searching Techniques*

MASTER OF PHYSICAL EDUCATION

JOSEPH PATRICK DUNN, Jr.
(B.A. 1978, Saint Vincent College)
Title of Thesis: *The Reactions Of Intercollegiate Basketball Players To An Adjunctive Program Of Stress Management*

MICHAEL MATTHEW TIMOTHY SNOW
(B.P.E. 1977, U.N.B.; B.Sc. 1978, University of Ottawa)
Title of Report: *Heart Rate And Axillary Temperature Responses Of Nonobese And Moderately Obese Females During And Recovering From Equivalent Bicycle Ergometer Exercise In A Thermally Neutral Environment*

CONFERRING OF POSTGRADUATE BACHELORS' DEGREES IN COURSE

BACHELOR OF EDUCATION WITH DISTINCTION

LLOYD GEORGE BOND Hampton, New Brunswick
TWILA F. BUTTIMER Bathurst, New Brunswick
LARRY GILBERT DELONG Fredericton, New Brunswick
KIMBERLEY LAURA MAE DOUGLASS Nashwaak Bridge, New Brunswick
GREGORY WARREN GOULD Fredericton, New Brunswick
BONITA GAYLE GRANT Fredericton, New Brunswick
ARLENE MARION HACHE Fredericton, New Brunswick

BACHELOR OF EDUCATION

Division I

MARY ANNE ASTORINO McAdam, New Brunswick
BRENDA ELIZABETH GAIL BRADLEY Montreal, Quebec
ANNE ELIZABETH BRIGGS Plaster Rock, New Brunswick
ELAINE EDRIS CAMPBELL St. Stephen, New Brunswick
JANET MATHESON COLBORNE Hampton, New Brunswick
DEBRA ANNE COPP Newcastle, New Brunswick
ANNE SHIRLEY DURNO HOPKINS Kingston, Nova Scotia
DEBORAH ROBERTA GARLAND Saint John, New Brunswick
MARILYNN FRANCENE GIBSON Fredericton, New Brunswick
BEVERLY DAWN JARVIS Riverview, New Brunswick
WILLIAM IVAN LINDSAY Florenceville, New Brunswick
PAMELA JEAN MACRAE St. Stephen, New Brunswick
DONALD BERNARD McLAUGHLIN Fredericton, New Brunswick
HELEN IDA MOAR Saint John, New Brunswick
JAMES IRA PROCTOR Saint John, New Brunswick
NANCY CLAIRE CRONKHITE SANSOM Cross Creek, New Brunswick
MARIE PAULINE SPRINGER Fredericton, New Brunswick

Division II

DAVID ALBERT BURRIDGE Plaster Rock, New Brunswick
RICHARD STACY DEMMINGS Fredericton, New Brunswick
LUCY CLARE DESNOYERS Hay River, Northwest Territories
DARRELL SEWARD FELTMATE Sherbrooke Village, Nova Scotia
LINDA JANE FOSTER Saint John, New Brunswick
JANE ELIZABETH GEURTS Fredericton, New Brunswick
MICHAEL DEVEREAUX GRIFFITH Woodstock, New Brunswick
KELLY LYNN GUNN Moncton, New Brunswick
ALMA JEAN HYSLOP-CHRISTIE St. Stephen, New Brunswick
FRANCES ANN BUTLER INGRAHAM Saint John, New Brunswick
CYNTHIA MARY KAVANAUGH Grand Falls, New Brunswick
ELEANOR LOUISE KNOX Fredericton, New Brunswick
MIRIELLE LAROCQUE Lamèque, New Brunswick
HEATHER ANN MACVEY Sussex, New Brunswick
JAMES ANTHONY MCLEAN Oromocto, New Brunswick
TIMOTHY ANDRE MURPHY Montague, Prince Edward Island
JENNIFER DAWN NASON Saint John, New Brunswick
LESLIE ANNE MARIE PATTERSON Saint John, New Brunswick
THERESE MARIE ROBITAILLE Nackawic, New Brunswick
PAMELA ROXANNE SMITH Albert, New Brunswick
ANNE CECILIA THERIAULT Moncton, New Brunswick
CATHERINE ANNE TITUS Saint John, New Brunswick
THEODORE MARK TITUS Saint John, New Brunswick
MARK PAUL TOFFANELLO Timmins, Ontario
GWENDOLYN ANNE WALSH Chatham Head, New Brunswick

Division III

PETER LAUCHLAN SPICER Spencer's Island, Nova Scotia

CONFERRING OF BACHELORS' DEGREES IN COURSE

BACHELOR OF ARTS WITH HONOURS

First Class Honours

HAROLD ROBERT GOSS Saint John, New Brunswick
(Psychology)
PAMELA MARY MULLIN Fredericton, New Brunswick
(History)

BACHELOR OF ARTS

Division I

NANCY LEE REID Fredericton, New Brunswick
JOSEPH KEVIN GEORGES WHALEN Fredericton, New Brunswick

Division II

MARY-JANE FOSTER Fredericton, New Brunswick
LESLIE CAROL HAWKES Minto, New Brunswick
MARY CAROLYN CYNTHIA MICHAUD Cornwall, Ontario
JOHN MURRAY WAIT Saint John, New Brunswick

Division III

LOIS THERESA ARMSTRONG Saint John, New Brunswick
LYNN ANNE FRASER Truro, Nova Scotia
CARLA LORRAINE HAMILTON Rothesay, New Brunswick
RALPH ALEXANDER METZLER Fredericton, New Brunswick
KAREN CECILIA WALSH Saint John, New Brunswick
NEIL ARNOLD WORTMAN Moncton, New Brunswick

BACHELOR OF ARTS

FOLLOWING A PREVIOUS BACHELOR'S DEGREE

THERESA FRANCES HUCUL Renforth, New Brunswick

BACHELOR OF SCIENCE

Division I

DEBRA GAIL GRAHAM Fredericton, New Brunswick
STEPHANIE MARGARETA KAISER Fredericton, New Brunswick
DONALD GORDON MacDONALD Fredericton, New Brunswick
DEBRA LYNN MORRISON Saint John, New Brunswick
WALTER JOSEPH SMOLINSKI Fredericton, New Brunswick

Division III

WILLIAM IAN SPENCE Fredericton, New Brunswick
ZETTA ELIZABETH WATT Waterloo, Ontario

BACHELOR OF SCIENCE IN ENGINEERING

Division II

OLOYEDE HENRY ADEGBENRO	Ilara-Mokin, Nigeria
(Surveying Engineering)	
JAN MARK BROCHOCKI	St. Eustache, Quebec
(Mechanical Engineering)	
JORN LANDVA	Fredericton, New Brunswick
(Civil Engineering)	
DANNY CHIU TING MA	Hong Kong
(Electrical Engineering)	
KYRIACOS PANAYIOTOU SAVVA	Nicosia, Cyprus
(Electrical Engineering)	
ALVIN JAMES TRITES	Campbellton, New Brunswick
(Electrical Engineering)	
MICHAEL ERIC WAUGH	Fredericton, New Brunswick
(Electrical Engineering)	

Division III

REAL ARTHUR BERNIER	Bromptonville, Quebec
(Mechanical Engineering)	
RONALD DAVID PARKER	Moncton, New Brunswick
(Civil Engineering)	

BACHELOR OF SCIENCE IN ENGINEERING FOLLOWING A PREVIOUS BACHELOR'S DEGREE

HUGH COLIN MACKAY	Shelburne, Nova Scotia
(Chemical Engineering)	

BACHELOR OF BUSINESS ADMINISTRATION

Division II

SHARLEEN ANN BULMER	Fredericton, New Brunswick
NEIL ALEXANDER MARTIN	Fredericton, New Brunswick
DOUGLAS JAMES MORTON	Fredericton, New Brunswick
PETER THOMAS MULHERIN	Grand Falls, New Brunswick
DEAN MARVIN NOBLE	Fredericton, New Brunswick
JEANETTE MARIE SCOTT	Fredericton, New Brunswick
PIK TZE TAY	Kuching, East Malaysia

Division III

HYLAS YUEN FOO CHUNG	Hong Kong
BARBARA ELAINE KELLOWAY	Centreville, New Brunswick
ELIZABETH ANN LEACHMAN	Fredericton, New Brunswick
JUDITH MARGARET MACFARLANE	Nashwaak Bridge, New Brunswick
BRENT ASHLEY MADDEN	Fredericton, New Brunswick
CHARLES ALLAN McTAGUE	Saint John, New Brunswick
MARIE DIANNE TOBIN	Moncton, New Brunswick

BACHELOR OF PHYSICAL EDUCATION

Division II

ELIZABETH ANN KAMINSKA	Ottawa, Ontario
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Division III

LAURA ANN KIRKPATRICK	Toronto, Ontario
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BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Division II

MARIA SHERRY DARLENA BAILEY	Minto, New Brunswick
ANNE REI-LAN PAN	Fredericton, New Brunswick

BACHELOR OF EDUCATION

Division I

BRIGITTE RIOUX BEAULIEU	Fredericton, New Brunswick
(Secondary Arts)	
GLORIA JEAN DAVIS	Nackawic, New Brunswick
(Elementary Education)	
IRMA MAE GOODWIN	Hunter River, Prince Edward Island
(Vocational Education)	
DOMINIC GITAU KAMAU	Thika, Kenya
(Business Education)	

Division II

SULEIMAN KHAMIS BWIKA	Mombasa, Kenya
(Vocational Education)	
EDWARD LEROY CHRISTIE	Harvey Station, New Brunswick
(Vocational Education)	
RUBY BERNICE FRASER	Botwood, Newfoundland
(Home Economics)	
EDWARD CHARLES GRIFFIN	Fredericton, New Brunswick
(Vocational Education)	
JAMES GARY HANSON	Perth-Andover, New Brunswick
(Industrial Education)	
ISAAC MATTEMU KITHYO	Machakos, Kenya
(Vocational Education)	
LAZARUS RONDO MWAGONA	Mombasa, Kenya
(Vocational Education)	
JOHN DERYL NEWSON	Summerside, Prince Edward Island
(Industrial Education)	
JOHN BIOMDO NGERECHI	Nairobi, Kenya
(Vocational Education)	
KIMBERLY ANNE OAKES	Bath, New Brunswick
(Business Education)	
DORAN JOHN LLOYD RAMSAY	Moncton, New Brunswick
(Secondary Arts)	
JEANNETTE MARY ROBICHAUD	Minto, New Brunswick
(Secondary Arts)	
JEFFREY ARNOLD RUSSELL	Albert, New Brunswick
(Industrial Arts)	

Division III

GERALD DOUGLAS GOUCHIE	Pennfield, New Brunswick
(Industrial Arts)	
DIANE ELIZABETH MAXWELL	Fredericton, New Brunswick
(Business Education)	
STEVEN ARTHUR TIBBITS	Oromocto, New Brunswick
(Industrial Arts)	

BACHELOR OF EDUCATION FOLLOWING A PREVIOUS BACHELOR'S DEGREE

SUSAN MARY McCLUSKEY	Dartmouth, Nova Scotia
(Elementary)	

Although Latin has long ceased to be the language of instruction for all university courses, as it once was at Oxford and Cambridge, at Paris and Bologna, it is traditional to retain it for limited use on occasions of great academic solemnity, such as university convocations. The use of Latin today is a symbol of our academic descent from those earliest universities of medieval Europe and a humble reminder that the search for truth is both new and ancient.

Dr. Thomas J. Condon,
Vice-President (Saint John)

DOCTOR OF PHILOSOPHY

Orator: *Insignissime Praeses, supplicat Senatui et huic venerabili Collegio Gubernatorum _____*

ut admittantur ad gradum Philosophiae Doctoris.

Praeses: *Placetne vobis, Senatores, placetne Gubernatores, ut hi supplicatores admittantur?*

Gubernatores et Senatores: *Placet.*

Orator: *Insignissime Praeses, tota Universitas, praesento vobis hosce Supplicatores ut admittantur ad gradum Philosophiae Doctoris testorque illos, quoad omnia quae statuta nostra requirant, aptos et idoneos esse.*

Praeses: *Ego admitto vos ad gradum Philosophie Doctoris in Universitate Novi Brunsvici.*

Orator: Most distinguished President, there supplicate the Senate and this venerable Board of Governors _____

that they may be admitted to the degree of Doctor of Philosophy.

President: Is it your pleasure, Senators, is it your pleasure, Governors, that these supplicants be admitted?

Governors and Senatores: It is our pleasure.

Orator: Most distinguished President, all the University, I present to you these supplicants that they may be admitted to the degree of Doctor of Philosophy, and I testify that they, so far as all our statutes require, are fit and suitable.

President: I admit you to the degree of Doctor of Philosophy in the University of New Brunswick.

MASTERS' AND BACHELORS' DEGREES

Orator: *Insignissime Praeses, supplicant Senatui et huic venerabili Collegio Gubernatorum in Facultate Legis . . . in Facultate Artium . . . in Facultate Scientiae . . . in Facultate Ingeniaria . . . in Facultate Silviculturae . . . in Facultate Educationis . . . in Facultate Nutricia . . . in Facultate Educationis Gymnicae et Redintegrationis . . . in Facultate Administrationis . . . quorum nomina ac studia iam rite cognita sunt et promulgata, ut admittantur ad proprium Magistri (Baccalaurei), gradum in sua quisque Facultate.*

Praeses: *Placetne vobis, Senatores, placetne, Gubernatores, ut hi supplicatores admittantur?*

Gubernatores et Senatores: *Placet.*

Orator: *Insignissime Praeses, tota Universitas, praesento vobis hosce Supplicatores in supra dictis Facultatibus, ut admittantur ad proprium Magistri (Baccalaurei) gradum in sua quisque Facultate; testorque illos quoad omnia quae statuta nostra requirant aptos et idoneos esse.*

Praeses: *Ego admitto vos ad gradum Magistri (Baccalaurei) in Universitate Novi Brunsvici.*

Orator: Most distinguished President, there supplicate the Senate and this venerable Board of Governors, in the Faculty of Law . . . in the Faculty of Arts . . . in the Faculty of Science . . . in the Faculty of Engineering . . . in the Faculty of Forestry . . . in the Faculty of Education . . . in the Faculty of Nursing . . . in the Faculty of Physical Education and Recreation . . . in the Faculty of Administration . . . whose names and studies are now formally made known and proclaimed, that they may be admitted to their proper degree of Master (Bachelor), each in his (her) own Faculty.

President: Is it your pleasure, Senators, is it your pleasure, Governors, that these supplicants be admitted?

Governors and Senatores: It is our pleasure.

Orator: Most distinguished President, all the University, I present to you these supplicants in the above mentioned Faculties that they may be admitted to their proper degree of Master (Bachelor), each in his (her) own Faculty; and I testify that they, so far as all our statutes require, are fit and suitable.

President: I admit you to the degree of Master (Bachelor) in the University of New Brunswick.

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 dark blue silk, the same colour as the lining of the hood.

HOODS

Each degree has its distinctive hood as follows:

- | | |
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| B.A. | — Black stuff bordered with white fur. |
| B.Sc. | — Black stuff lined with scarlet silk bordered with white fur. |
| B.Sc. | — (Applied) black stuff lined with green silk bordered with white fur. |
| LL.B. | — Pale blue silk bordered with white fur. |
| B.B.A. | — Black stuff lined with light brown 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. | — 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. |
| M.P.E. | — Black silk lined with white silk bordered with claret. |
| 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. |