



THE UNIVERSITY OF  
BRITISH COLUMBIA

ANNUAL CONGREGATION  
FOR THE  
CONFERRING OF DEGREES

THURSDAY, MAY TWENTY-SIXTH  
NINETEEN HUNDRED AND EIGHTY-THREE

## BOARD OF GOVERNORS

### **Ex-Officio:**

The Chancellor

The President

### **Elected by Faculty:**

Hugh J. Greenwood, M.A.Sc., Ph.D.

Peter H. Pearse, B.S.F., M.A., Ph.D., B.C.R.F.

### **Appointed by the Lieutenant-Governor in Council:**

Allan R. Crawford, B.Sc.

Gerald H. D. Hobbs

Mrs. Joy A. P. McCusker, B.A.

David G. A. McLean, B.A., LL.B.

Leslie R. Peterson, Q.C., LL.B., LL.D., Ed.D., F.R.S.A.,  
Chairman of the Board

Alan F. Pierce, B.A.

William L. Sauder, B.Com.

Richard Stewart, B.S.A., B.Com.

### **Students Elected by the Alma Mater Society:**

Margaret Copping

Dave Frank

### **Elected by and from full-time employees of the University who are not members of the Faculty:**

William J. Morrison

## SENATE

The Chancellor: John Valentine Clyne, C.C., K.G.St.J., B.A., LL.D.

The President: Douglas Timothy Kenny, B.A., M.A., Ph.D.

The Registrar and Secretary: K. G. Young, B.A., B.Com.

Vice-President Academic and Provost: Michael Shaw, B.Sc., M.Sc., Ph.D., D.Sc., F.A.P.S., F.R.S.C.

### THE DEANS

Dean of Agricultural Sciences: W. D. Kitts, B.S.A., M.S.A., Ph.D., F.A.I.C.

Dean of Applied Science: L. M. Wedepohl, B.Sc., Ph.D., F.I.E.E., C.Eng., P.Eng.

Dean of Arts: R. M. Will, B.A., A.M., Ph.D.

Dean of Commerce and Business Administration: P. A. Lusztig, B.Com., M.B.A., Ph.D.

Dean of Dentistry: G. S. Beagrie, D.D.S., F.D.S.R.C.S., F.R.C.D. (C), F.I.C.D.

Dean of Education: D. R. Birch, M.A., Ph.D.

Dean of Forestry: J. A. F. Gardner, B.A., M.A., Ph.D., F.C.I.C., F.I.A.W.S.

Dean of Graduate Studies: P. A. Larkin, B.A., M.A., D.Phil., F.R.S.C.

Dean of Law: P. T. Burns, LL.B., LL.M.

Dean of Medicine: W. A. Webber, M.D., F.R.C.P. (C).

Dean of Pharmaceutical Sciences: B. E. Riedel, C.D., B.Sc., M.Sc., Ph.D.

Dean of Science: C. V. Finnegan, B.A., M.S., Ph.D.

### ELECTED BY THE FACULTIES

#### Agricultural Sciences

L. M. Lavkulich, M.Sc., Ph.D.

J. F. Richards, B.S.A., M.Sc., Ph.D., P.Ag.

#### Applied Science

S. J. Holmes, B.Sc.N., M.Sc., R.N.

R. A. Spencer, B.E., Ph.D., P.Eng., Mem. A.C.I., Mem. P.C.I., Mem. Am. Soc. C.E.

#### Arts

P. Suedfeld, B.A., M.A., Ph.D.

J. L. Wisenthal, B.A., B.Litt., Ph.D.

#### Commerce and Business Administration

D. B. Fields, B.Com., M.B.A., F.C.A.

R. F. Kelly, B.S., M.B.A., D.B.A.

#### Dentistry

D. Donaldson, B.D.S., F.D.S., R.C.S., M.D.S.

J. G. Silver, B.D.S., L.D.S., R.C.S., F.R.C.D.(C).

#### Education

J. Dahlie, B.Ed., Ph.D.

T. S. Cook, B.Ed., M.A., Ph.D.

#### Forestry

R. W. Kennedy, B.S., M.F., Ph.D., F.I.A.W.S.

A. Kozak, B.S.F., M.F., Ph.D.

#### Graduate Studies

R. Stewart, M.A., Ph.D., F.C.I.C., F.R.S.C.

D. Ll. Williams, B.Sc., Ph.D.

#### Law

M. A. Hickling, LL.B., Ph.D., LL.D.

A. J. McClean, LL.B., Ph.D.

#### Medicine

D. J. Campbell, B.Sc., M.Sc., Ph.D., C.C.C.

D. S. Lirenman, B.Sc., M.D., F.R.C.P. (C), F.A.C.P.

#### Pharmaceutical Sciences

G. D. Bellward, B.S.P., M.S.P., Ph.D.

T. H. Brown, B.S.P., M.S., Ph.D.

#### Science

R. A. Adams, B.Sc., M.A., Ph.D.

G. G. E. Scudder, B.Sc., D.Phil., F.R.E.S., F.E.S.C., F.R.S.C.

### ELECTED BY A JOINT MEETING OF THE FACULTIES

K. O. L. Burrige, M.A., B.Litt., Dip.Anth., Ph.D., F.R.S.C.

J. J. R. Campbell, B.S.A., Ph.D., F.R.S.C.

J. D. Dennison, B.A., M.P.E., Ed.D.

A. J. Elder, B.A., Ph.D.

R. F. Gray, B.A., M.Ed., Ph.D.

R. W. Morford, B.P.E., M.P.E., Ed.D.

C. E. Slonecker, D.D.S., Ph.D.

R. H. T. Smith, B.A., M.A., Ph.D.

P. R. Tennant, B.A., M.A., Ph.D.

M. D. Willman, B.S.N., M.S.N., Ph.D., R.N.

### CONVOCATION MEMBERS

W. H. Birmingham, B.A., B.Arch.

M. F. Bishop, B.A., M.A.

G. D. Burnyeat, LL.B.

P. M. Fulton, B.A., Dipl. Soc. Work

W. M. Keenlyside, B.A., A.M., Ph.D.

A. E. MacDonald, B.A.

E. McAndrew, B.H.E., M.B.A.

J. F. McWilliams, B.S.F., M.A.

R. E. Robinson, B.S.N., M.A.

C. L. V. Warren, B.Com.

G. V. Wellburn, B.A.Sc.

REPRESENTATIVES OF AFFILIATED COLLEGES

St. Mark's College:

Rev. P. C. Burns, C.S.B., S.T.B., Ph.D.

Regent College:

C. E. Armerding, A.B., B.D., M.A., Ph.D.

Vancouver School of Theology:

Rev. J. P. Martin, B.A.Sc., S.T.M., Th.D.

UNIVERSITY LIBRARIAN

D. N. McINNES, B.A., B.L.S.

ELECTED REPRESENTATIVE OF THE PROFESSIONAL LIBRARIANS

Mrs. S. Dodson, B.A., B.L.S.

DIRECTOR OF CONTINUING EDUCATION

J. Kulich, B.A., M.A.

APPOINTED BY THE LIEUTENANT-GOVERNOR IN COUNCIL

D. J. Connor, B.A.Sc., M.A.Sc., Ph.D.

H. J. Franklin, B.A.

H. E. Hirsch, Dipl. Chem., Dr.rer.nat.

D. Lupini, B.A., B.Ed., M.Ed., Ph.D.

REPRESENTATIVES OF THE STUDENTS

T. S. Blasco

K. K. Brisch

R. J. Comesotti

S. M. Dickinson

E. Dixon

B. A. Gilmour

P. Jones, B.A., M.Sc.

P. M. Kendall, B.A.

M. A. McCann, B.Sc.

P. T. Nishihama

J. H. Querie

A. H. Rahme

D. J. Rimek

J. B. Smith

M. B. Thompson

S. Williams

B. E. S. Waugh

MUSICAL PROGRAMME

Thursday, May 26th, 1983

Organist: Jeffrey Campbell, B.Mus.

**Prelude:**

Prelude and Fugue in G Major

J. S. Bach

The Musical Clocks (7 pieces)

J. Haydn

Saraband for the Morning of Easter

H. Howells

Troisième Fantaisie

C. Saint-Saens

Petite Suite

D. Milhaud

I Entree

II Prière

III Cortège

**Processional:**

Crown Imperial (Coronation March 1937)

W. Walton

**Recessional:**

Final (Symphony I)

L. Vierne

## THE PROCESSIONS

Thursday, May 26th, 1983

### PROCESSION OF GRADUATING STUDENTS (Ed.D.)

#### PROCESSION OF GRADUATING STUDENTS

##### Senior Marshall

N. N. Korchinsky, B.P.E., M.A., Assistant Professor of the School of Physical Education and Recreation

#### PROCESSION OF FACULTY

##### Marshalls

J. R. H. Dempster, M.A., Ph.D., Associate Professor of Computer Science  
R. F. Gray, B.A., M.Ed., Ph.D., Professor and Acting Head, Department of Curriculum and Instructional Studies, Faculty of Education

#### CHANCELLOR'S PROCESSION

##### Marshalls

C. V. Finnegan, B.A., M.S., Ph.D., Professor of Zoology and Dean, Faculty of Science  
D. Ll. Williams, B.Sc., Ph.D., Professor of Physics

#### CHANCELLOR'S PARTY

##### Macebearer

J. D. Dennison, B.A., M.P.E., Ed.D., Professor of Educational Psychology and Special Education

##### Marshall

Joan L. Pavelich, B.Ed., M.A., Senior Instructor in English

##### Marshall for Mrs. Clyne's Party

D. C. Thomas, B.Ed., M.A., Ph.D., Associate Professor of Educational Psychology and Special Education

## CEREMONIES

##### Director

B. N. Moyls, B.A., M.A., Ph.D., Professor and Head of the Department of Mathematics

##### Administrative Assistant

Joan L. King

##### Chief Marshall

J. D. Dennison, B.A., M.P.E., Ed.D., Professor of Educational Psychology and Special Education

##### Chief Ushers

Margaret Burke, B.A., B.L.S., L.R.S.M., Admissions Co-Ordinator, School of Librarianship

Sheila A. Egoft, B.A., F.L.A., Professor of Librarianship

## ACADEMIC REGALIA

The wearing of academic costume is a tradition that has persisted from the Middle Ages, when the first Universities were founded.

The regalia vary slightly from one University to another and, within a University, according to the status of the wearer.

At The University of British Columbia the undergraduate's gown is black and of the ordinary stuff material; the yoke is edged with khaki cord. The Master's gown is similar but lacks the cord.

The colours for the degrees are:

B.A. — University blue.

B.F.A. — University blue with magenta cord.

B.A.Sc — Scarlet.

B.COM. — Light grey with black and grey cord.

LIC. ACCT. — Light grey with white cord.

B.ED. — White with cord of University blue.

B.H.E. — Turquoise.

M.L.S. — Cadmium yellow.

M.A.S. — University blue with silver and cadmium yellow twisted cord.

B.MUS. — University blue with cord of alizarin crimson.

B.SC. — Light blue.

B.ARCH. — Scarlet with white cord.

D.M.D. — Lilac and red.

ED.D. — Blue and gold with blue, white and yellow chevrons.

B.P.E. — Malachite green.

B.R.E. — Malachite green with gold and green cord.

B.SC. (AGR.) — Maize.

B.L.A. — Maize with scarlet cord.

B.S.F. — Brown with green cord.

B.S.N. — Scarlet with twisted cord of University blue and white.

B.SC. (PHARM.) — Dark green with scarlet cord.

B.S.R. — Scarlet and white twisted cord on royal blue.

B.S.W. — Magenta.

LL.B. — Amethyst violet.

B.M.L.SC. — White with a twisted cord of scarlet and royal blue.

M.D. — Scarlet and royal blue.

PH.D. — Blue and gold.

D.M.A. — Royal blue and alizarin crimson with blue and gold chevron.

The Bachelor's hood is edged with the distinctive colour. The Master's hood is the same as the Bachelor's, except that it is lined with the distinctive colour. The hood for the M.Sc. (Bus. Admin.) is similar to that of the M.Sc., with grey trim and black and white cord. The hood for the M.Eng. is similar to that of the M.A.Sc., except that it is trimmed with a cord of University blue.

The regalia of the Ph.D. consist of a gown, Cambridge style, of maroon silk with front facing-panel and sleeves of University blue with gold piping; a hood, Cambridge pattern, of blue silk outside and gold lining; a cap, decanal bonnet, of maroon silk with gold cord and tassel. The regalia of the Ed.D. consist of a gown of similar style but of black stuff, a hood, American style, black with front facing of University blue velvet, fully lined sky blue, with chevron of University blue, white and yellow; a cap, decanal bonnet, of black stuff with gold cord and tassel. The hood for the honorary degree LL.D. is of scarlet broadcloth lined with dark blue velvet. For the D.Sc. it is lined in dark purple. For the D.Litt. it is lined in cream.

# Programme of Ceremony

## Thursday, May twenty-sixth

### O CANADA

O Canada! Our home and native land,  
True patriot love in all thy sons command.  
With glowing hearts we see thee rise,  
The true north strong and free!  
From far and wide, O Canada,  
We stand on guard for thee.  
God keep our land glorious and free!  
  
O Canada, we stand on guard for thee,  
O Canada, we stand on guard for thee.

### O CANADA

#### INVOCATION

by DR. ROY BELL  
Principal, Cary Hall

#### ADDRESS

by THE HONOURABLE JOHN V. CLYNE  
Chancellor

#### CONFERRING OF HONORARY DEGREES

by the Chancellor

#### THE DEGREE OF DOCTOR OF LAWS

ANNIE MARGARET ANGUS  
GEORGE MANUEL

#### THE DEGREE OF DOCTOR OF SCIENCE

JOHN BERNARD WARREN

#### CONFERRING OF DEGREES IN COURSE

by the Chancellor

#### PRESENTATION

by TIMOTHY HICKS  
President of the Graduating Class

#### VALEDICTORY

#### REMARKS

by DOUGLAS T. KENNY  
President

#### GOD SAVE THE QUEEN

Reception following the Ceremony

*Graduation lists as shown in this programme were prepared two weeks before Graduation and may therefore not be completely correct; the names of some graduates may be missing.*

## THE DEGREE OF DOCTOR OF EDUCATION

### ASSOCIATE DEAN FREEZE

*The following Candidates completed requirements for this Degree in the Fall, 1982*

- Booth, Janice Ann, B.Ed., M.A. (Brit. Col.), Vancouver Reading Education  
Thesis: Relationships between Cognitive Processes and Language Abilities among Hearing-Impaired Readers.
- Guy, David Maurice, B.A. (Victoria Univ. Wellington); M.Ed. (Waikato), New Zealand Adult Education  
Thesis: Women's Attendance Patterns in a Re-entry Program.
- Musa, Musa Bata, B.A. (Ahmadu Bellow); M.Ed. (Lagos), Nigeria Adult Education  
Thesis: Enrollment: A Decision Making Perspective.
- Webster, Janet Barbara, B.Ed., M.A. (Brit. Col.), Vancouver Education -- Psychology  
Thesis: Individual Differences in Time Needed to Learn: Teacher Coping Strategies.

*The following Candidates completed requirements for this Degree in the Spring, 1983*

- Garrison, Donn Randy, B.Ed., M.Ed. (Calgary), Alberta Adult Education  
Thesis: Prediction of Adult Learner Dropout Using a Psychosocial System Model.
- Mahfoz, Napsiah, B.A. (Malaya); M.Ed. (Hawaii), Malaysia Education Administration  
Thesis: The Role of Key Teachers in the Implementation of a New History Curriculum in Malaysia: A Study of Perceptions.
- Yeshewalul, Ayele, M.Sc. (Nebraska); M.P.A. (Harvard), United States Adult Education  
Thesis: Agricultural Extension Agent Roles in Canada and the United States.

## THE DEGREE OF MASTER OF SCIENCE

### ASSOCIATE DEAN FREEZE

*The following Candidates completed requirements for this Degree in the Fall, 1982*

- Acheampong, Andrew Adu, B.Sc. (Science Technology), Vancouver Pharmaceutical Science  
Thesis: Pharmaokinetic and Metabolism Studies of Valporic Acid Using Gas Chromatography Mass Spectrometry.
- Andrew, Anne, B.Sc. (Edinburgh), Vancouver Geological Science  
Thesis: A Lead Isotope Study of Selected Precious Metal Deposits in British Columbia.
- Banks, Stephen Alexander, B.Sc. (Simon Fraser), West Vancouver Physics  
Thesis: Coulomb Corrections to Low Energy PI-N Phase Shifts.
- Bardsley, John Edward, B.A., M.Sc., Ph.D., M.D. (Queen's), Ontario Health Service Planning  
Thesis: Occupational Health and Fitness: A Treatise on the Relationship between Physical Fitness and Health Status as They Apply to the Occupational Setting, with Particular Emphasis on Aerobic Fitness, Coronary Heart Disease and the Canadian Military.
- Barker, Dorothy Kathleen, B.A. (Brit. Col.), North Vancouver Audiology & Speech Science  
Thesis: Perception of Fricatives in an AX Paradigm by Children 3 - 4½ Years Old.
- Bates, Ross Taylor, B.Sc. (Western Ontario), Vancouver Physics  
Thesis: The Effective Potential for the Coleman-Weinberg Model.
- Bell, Penelope Anne, B.Sc. (McGill), Richmond Human Nutrition  
Thesis: Effect of Diet Modification on Human Fecal Mutagenic Activity.

- Bentzen, Paul, B.Sc. (McGill), Quebec Zoology  
Thesis: Specialization for Alternate Trophic Niches by Two Forms of Threespine Stickleback, *Gasterosteus*, Co-existing in Enos Lake, Vancouver Island.
- Berger, Stuart Alan, B.Sc. (McGill), Quebec Physics  
Thesis: Repair of DNA Damage in Mammalian Cells after Low Doses of Ionizing Radiation.
- Bergstrom, Danielle Cantin, B.Sc. (Laval), North Vancouver Human Nutrition  
Thesis: Mutagens in Feces of Vegetarians and Non-Vegetarians.
- Besler, Murray Jack Andrew, B.A. (Regina), Vancouver Mathematics  
Thesis: A Statistical Analysis of Follow-up Data on Untreated Hypertensives.
- Boyle, Patrick David, B.Sc. (Brit. Col.), Vancouver Computer Science  
Thesis: The Design of a Distributed Kernel for a Multiprocessor System.
- Butt, Thomas Stephen, B.Sc., B.A. (Waterloo), Ontario Health Service Planning  
Thesis: An Analysis of the Relationship between Injury Severity and Hospital Inpatient Costs.
- Carson, Arlene Jane, B.Sc. (McGill), Alberta Audiology & Speech Science  
Thesis: The Forward Masking Effect of 2fl- $\alpha$  in Normal Hearing and Noise-Induced Hearing Loss Subjects.
- Choptuik, Matthew William, B.Sc. (Brandon), Vancouver Physics  
Thesis: A Study of Numerical Techniques for the Initial Value Problem of General Relativity.
- Clark, Geoffrey Aird, B.Sc. (Brit. Col.), North Vancouver Zoology  
Thesis: Chloride Ion and Water Balance in the Prosobranch Gastropod *Collisella Persona*.
- Codato, Eleoterio, B.Sc. (Londrina), Brazil Planning  
Thesis: An Evaluation of Pollution Control Mechanisms in the Paraiba Do Sul River Basin -- Brazil.
- Coenraads, Robert Raymond, B.A. (MacQuarie), Australia Geophysics  
Thesis: Patterns of Induced Microearthquakes at the Sullivan Mine, Kimberley, B.C.
- Davenport, Michael Richard, B.Sc. (Calgary), Vancouver Physics  
Thesis: Non-Existence of Geometrodynamical Analog to Electric Charge.
- Dedhar, Shoukat, B.Sc. (Aberdeen), Richmond Pathology  
Thesis: Methotrexate Resistance in L5178Y Mouse Leukemia Cells.
- Deering, Stephen Edward, B.Sc. (Brit. Col.), Vancouver Computer Science  
Thesis: Multi-Process Structuring of X.25 Software.
- Dowell, Anthony James, M.B., B.S. (London), Vancouver Surgery  
Thesis: A New Method of Study of Upper Gastrointestinal Transit Time and Secretion in Ileostomy Patients.
- Duke, Wendy Lynne, B.A. (Brit. Col.), West Vancouver Audiology & Speech Science  
Thesis: Comprehension of Complex Sentences Conjoined with "Before" and "After".
- Dunbar, David Leonard, B.Sc. (Brit. Col.), Vancouver Forestry  
Thesis: The Breeding Ecology and Management of White Pelicans at Stum Lake, British Columbia.
- Elson, Rebecca Anne Wood, A.B. (Smith Col.), Vancouver Physics  
Thesis: A Survey and Comparison of Various Models of Gravitational Dynamical Friction.
- Etherington, David William, B.Sc. (Lethbridge), Vancouver Computer Science  
Thesis: Finite Default Theories.

Evans, Fiona Margaret, B.Sc. (Wales Aberystwyth), United Kingdom Soil Science  
Thesis: The Behaviour of Iron and Trace Elements Down Catenary Sequences in West Central Saskatchewan.

Fortier, Normand, B.A.Sc. (Ecole Polytechnique), Vancouver Physics  
Thesis: Study of the Temperature-Dependence of the Far-Infrared Spectrum of (TMA) (I) (TCNQ).

Grond, Helen Catharine, B.Sc. (Brit. Col.), Ontario Geological Sciences  
Thesis: A Genetic Model for Alpine-Type Chromite Deposits in the Josephine Peridotite, Northwest California and Southwest Oregon.

Huband, Deborah Ellen, B.A. (Bishop's), Vancouver Audiology & Speech Science

Husted, Janice Aileen, B.S.N. (Brit. Col.), Vancouver Health Service Planning  
Thesis: An Evaluation of the System Used by the British Columbia Cancer Registry to Record Data on Cases of Invasive Cervical Cancer.

Jais, Hasnah Md., B.Sc. (Sains Malaysia), Vancouver Plant Science  
Thesis: Bacteriocins of *Erwinia Carotovora*.

James, Howard Nelson, B.Sc. (Brit. Col.), Vancouver Physics  
Thesis: The Dressing Transformation and the Scattering of Dressed Particles in a Model of Fermions and Bosons.

Johnson, Geoffrey William, B.Sc. (Brit. Col.), Vancouver Physics  
Thesis: Studies of Phase Transitions in Lithium Intercalation Batteries by dQ/dV Measurements.

Jones, Penelope Sarah Ann, B.A. (Cambridge), Vancouver Geography  
Thesis: Sediment Movement in a Sub-Alpine Basin in the Coast Mountains of British Columbia.

Jones, Wayne Nelson, B.A. (Brit. Col.); M.A. (Toronto), Vancouver Health Service Planning  
Thesis: Coronary Heart Disease Risk Factor Methodology and Prevention/Intervention Strategies.

Jones, Yvonne Marene, B.Sc. (Utah State), Richmond Food Science  
Thesis: Potential Application of Lactic Acid Bacteria to Extend the Storage Life of Grey Cod (*Gadus [Morhua] Macrocephalus*) Muscle.

Josin, Gary Michael, B.Sc., M.Sc. (Regina), Vancouver Physics  
Thesis: Hydrodynamics of Laser Accelerated Foils.

Kaminsky, Barbara Anne, B.A., M.S.W. (Brit. Col.), Delta Health service Planning  
Thesis: Resource Allocation in a Regional Structure for the B.C. Ministry of Health.

Kapil, Ram Prakash, B.Pharm. (Delhi);  
M. Pharm. (Banaras), Vancouver Pharmaceutical Science  
Thesis: Hepatic First-Pass Metabolism of Metoclopramide in the Rat.

Kehler, Eric Gregory, B.Sc. (Brit. Col.), Vancouver Computer Science  
Thesis: A Personal Library System.

King, Colin John, B.Sc. (Queen's), Vancouver Computer Science

Kusalik, Anthony Joseph, B.Sc. (Lethbridge), Alberta Computer Science  
Thesis: Conflicts in Providing Security in Computer-Based Message Systems.

Kwong, Pearl Chu, B.Sc. (Brit. Col.), Richmond Microbiology  
Thesis: Characterization of T Cell Clones Derived from a Mixed Lymphocyte Reaction.

Leek, Donald Morley, B.Sc. (McMaster), Ontario Chemistry  
Thesis: Structural Investigation of Bacterial Capsular Polysaccharides.

Lewis, Raymond Jerald, A.B. (Calif. Berkeley), United States Botany  
Thesis: The Biology of the Host-Specific Epiphytic Red Alga *Ceramium Codicola* and some Other Epiphytes of *Codium* SPP. in British Columbia.

Loague, Keith Michael, B.Sc. (Michigan), Vancouver Geological Science  
Thesis: A Comparison of Techniques Used in Rainfall-Runoff Models: Model Efficiency.

Luyten, Petrus Henricus, B.Sc. (Brit. Col.), Vancouver Zoology  
Thesis: An Examination of the Adaptive Significance of Interpopulation Variation in the Behaviour of the Guppy *Poecilia Reticulata*.

MacKinnon, John Andrew, B.Sc. (Brit. Col.), Prince George Botany  
Thesis: Stemflow and Throughfall Mycobiota of a Trembling Aspen-Red Alder Forest.

Majka, Marc Steven, B.Sc. (New Brunswick), New Brunswick Computer Science  
Thesis: Reasoning about Spatial Relationships in the Primal Sketch.

Marquis, Sandra Maureen, B.Sc. (Victoria), Burnaby Human Nutrition  
Thesis: Effect of Maternal Alcohol Consumption upon Plasma Levels of Folate, Zinc, Magnesium, Glucose, and Amino Acids in Rat Dams and their Fetuses.

Marriott, Margaret Lynne, B.Sc. (Pharm.) (Alberta), Alberta Pharmaceutical Science  
Thesis: Myocardial Function Characteristics, response to Isoproterenol, and Calcium Uptake Activity in Rats Pretreated with Thyroid Hormones.

Martin, Alexis Wilma, B.Sc. (Victoria), Vancouver Microbiology  
Thesis: Characterization of the Fibrinogen and Fibrin Adhesin of *Staphylococcus Aureus*.

Mayes, Candace Marie, B.A. (Brit. Col.), Richmond Audiology & Speech Science

McCullough, Ann Louise, B.Sc. (New Brunswick), Vancouver Pharmaceutical Science  
Thesis: The Effect of Experimental Diabetes on Drug Induced Responses in Cardiac Tissues of the Rat.

Mulhern, Peter John, B.Sc. (Simon Fraser), Coquitlam Physics  
Thesis: Identification of the  $MO_3S_4$  Intercalation System in Lithium Batteries made with Natural  $MoS_2$ .

Musokotwane, India E. O., B.Sc. (Makerere), Zambia Forestry  
Thesis: Particle Moisture Content Effects on the Physical and Mechanical Properties of Magnesite Cement-Bonded Particleboard.

Mysak, Marlene Hope, B.Sc. (Alberta), Vancouver Health Service Planning  
Thesis: Risk Management: A Descriptive Analysis as a Basis for Planning in British Columbia Acute Care Hospitals.

Nakayasu, Akira, M.D. (Kyoto), Japan Surgery  
Thesis: The Effect of Pancreatic Duct Ligation on the Gastric Inhibitory Polypeptide (GIP), Gastric Acid Secretion and Glucose Metabolism in Dogs.

Nicholls, Nadine Frances, B.Sc. (Brit. Col.), Vancouver Planning  
Thesis: Groundwater Management in British Columbia.

Nichols, Thomas Matthew, M.Sc. (Brit. Col.), Vancouver Planning  
Thesis: A Public Recreation Planning Model Based on Current Recreation Theory.

Nilsson, Elna Kristina, B.Sc. (Western Ontario), Vancouver Food Science  
Thesis: Proteolytic Activity in Plant Tissue and Cell Suspension Culture.

Nuszdorfer, Friedrich Carl, B.Sc. (Brit. Col.), Vancouver Forestry  
Thesis: Vertical Distribution and Biomass of Fine Roots in Three Subalpine Forest Plant Associations in Southwestern British Columbia.

Palmer, Michael Richard, B.Sc. (Brit. Col.), Richmond Computer Science  
Thesis: Using Surface Models to Alter the Geometry of Real Images.

Palmer, Patricia Jane Carmel, B.Sc. (Brit. Col.), Richmond Computer Science  
Thesis: Colour Manipulation of Digital Images.

Petrovich, Jane Carol, B.Sc. (McMaster), Ontario Oceanography



Pope, David Darrel, B.Sc. (North Carolina), Vancouver Genetics  
Thesis: Biometrical Analysis of Pathogenicity in the *Ustilago hordei* - *Hordeum vulgare*.

Pringle, Dave Bruce, B.Sc. (Agr.) (Brit. Col.), Ganges Animal Science  
Thesis: The Preservation of High-Moisture Barley and the Nutritional Evaluation with Monogastrics and Ruminants.

Purcell, Stephen Thomas, B.Sc. (Dalhousie), Nova Scotia Physics  
Thesis: Measurements of the Stark Width of N 11 and N 111 Spectral Lines at Variable Electron Densities.

Raphael, Clifford, B.A. (McMaster), Trinidad Geography  
Thesis: Models for Estimating Solar Irradiance at the Earth's Surface from Satellite Data: An Initial Assessment.

Robinson, Donald Cecil Ernest, B.Sc. (Brit. Col.), Vancouver Zoology  
Thesis: The Effect of Salinity, Temperature, Season and Intertidal Height on Calcium Uptake by *Mytilus edulis* (Linnaeus).

Romilly, Lorna Marie, B.A. (Brit. Col.), North Vancouver Health Service Planning  
Thesis: The Impact of Hospital Medical Day Care on Inpatient Use.

Roussy, Marie Monique, B.Sc. (McGill), Vancouver Geological Science  
Thesis: An M.O. Study of the Stereochemistry and Energy of Three-Repeat Single Silicate Chains.

Ryan, Patricia Louise, B.P.T. (McGill), Vancouver Health Service Planning  
Thesis: Strategies for Regional Health Planning in British Columbia.

Scriabin, Jannie Martine, B.Sc. (Brit. Col.), Vancouver Pathology  
Thesis: An Evaluation of Cystic Fibrosis Screening Programmes for Implementation in British Columbia.

Shegelski, Mark Raymond Alphonse, B.Sc. (Calgary), Vancouver Physics  
Thesis: A Simple Model for Studying the Gravitationally Induced Electric Field Inside a Metal.

Sommerman, Eric Frank, B.S. (Michigan State), United States Biochemistry  
Thesis: Studies of the Hormonal Regulation of Hepatic Phospholipid Metabolism.

Stammers, Anthea Mary Tench, B.Sc. (Brit. Col.), Port Coquitlam Zoology  
Thesis: Binding of (<sup>3</sup>H) L-Aspartate to Membrane Fractions of Rat Brain.

Sternin, Edward, B.Sc. (Brit. Col.), Vancouver Physics  
Thesis: Depakeing of NMR Spectra.

Sullivan, Brian Thomas, B.Sc. (Alberta), Alberta Physics  
Thesis: Kinetics of Bound Excitons and Multi-Exciton Complexes in SI (B).

Talagala, Sardha Lalith, B.Sc. (Sri Lanka), Sri Lanka Chemistry  
Thesis: NMR Studies of Micelle Forming Model.

Thomas, Andrew Charles, B.Sc. (McGill), Vancouver Zoology  
Thesis: The Effect of Tidal Transport on the Zooplankton Population of a Local Inlet.

Van Der Heyden, Peter Arnaut Hugo, B.Sc. (Leiden), Vancouver Geological Science  
Thesis: Tectonic and Stratigraphic Relations between the Coast Plutonic Complex and Intermontane Belt, West-Central Whitesail Lake Map Area, British Columbia.

Virta, Valerie Jo, B.Sc. (Texas San Antonio), Kamloops Poultry Science  
Thesis: The Role of Carbonic Anhydrase in Acid Secretion and Calcium Uptake by the Chorioallantoic Membrane of the Chick Embryo.

Vondette, Nancy Anne, B.Sc. (King's Coll.), West Vancouver Microbiology  
Thesis: Degradation of Sawdust by *Cellulomonas fimi* Enzymes.

Wells, Mark Lovell, B.Sc. (Brit. Col.), West Vancouver Zoology  
Thesis: The Role of Colloids in Providing a Source of Iron to Phytoplankton.

Whaite, Peter, B.Eng. (New South Wales), Vancouver Geophysics  
Thesis: An Automated Sample Line for the Preparation of <sup>018</sup>/<sub>016</sub> Isotope Analyses from Water Samples.

Whiting, Richard John, B.Sc. (Agr.) (Brit. Col.), Sidney Animal Science  
Thesis: Artificial Rearing of Low Birth-Weight Pigs.

Whittall, Kenneth Patrick, B.Sc. (Brit. Col.), Vancouver Geophysics  
Thesis: Inversion of Magnetotelluric Impedances from above Young Lithosphere.

Whittle, Daniel Joseph, B.Sc. (Queen's), Ontario Microbiology  
Thesis: The Molecular Cloning of *Cellulomanas Fimi* Cellulase Genes.

Wilson, Lynn E., B.A. (Concordia), Vancouver Health Service Planning  
Thesis: Evaluation of Outcomes for Cardiac Arrest Patients Treated by Provincial Ambulance Service Personnel in the Lower Mainland of British Columbia.

Wong, Fred Yuen Churk, B.Sc. (Washington), Vancouver Zoology  
Thesis: Analysis of Stock-Recruitment Dynamics of British Columbia Salmon.

Woodsworth, Eric John, B.Sc. (Guelph), Saskatchewan Zoology  
Thesis: The Predatory Functional Response of the Prickly Sculpin (*Cottus asper*) to Density of Sockeye Salmon (*Oncorhynchus nerka*) Fry.

Woollacott, Gregory Christopher, B.S.F. (Brit. Col.), Prince George Planning  
Thesis: Recreation Planning for Coastal B.C. Parks: An Ecological (Biophysical) Inventory and Analysis Approach.

Zimmerman, Dan Simon, B.Sc. (Hebrew), Vancouver Physics  
Thesis: Atomic Hydrogen on the Surface of Superfluid Helium: The Sticking Probability and Polaronic Behavior.

*The following Candidates completed requirements for this Degree in the Spring, 1983*

Balden, Bruce Edward, B.Sc. (Brit. Col.), Port Moody Mathematics

Banner, Allen, B.Sc. (Brit. Col.), Smithers Forestry  
Thesis: Classification and Successional Relationships of Some Bog and Forest Ecosystems Near Prince Rupert, British Columbia.

Barichello, Norman, B.S.F. (Brit. Col.), Yukon Territory Forestry

Billy, Allen James, B.Sc. (Brit. Col.), United States Zoology  
Thesis: The Effects of Early and Late Androgen Treatments and Induced Sex-Reversals on the Behaviour of *Sarotherodon Mossambicus* (Pisces: Cichlidae).

Booth, Allan David, B.Sc. (Brit. Col.), Richmond Computer Science  
Thesis: Designing a Portable Natural Language Database Interface.

Boyes, David Ross, B.Sc. (Brit. Col.), West Vancouver Agricultural Mechanics  
Thesis: The Role of Sound in the British Columbia Troll Salmon Fishery.

Campbell, Shelagh Ann, B.Sc. (Guelph), Ontario Food Science  
Thesis: Some Variables Affecting Belief in a Pro-Food Additive Message.

Carter, Reid Ewart, B.Sc. (Brit. Col.), West Vancouver Soil Science  
Thesis: Forest Floors Under Second Growth Douglas-Fir Stands: Their Chemical Variability and Some Relationships to Productivity.

Chan, Robin Isaac Man-Hang, B.Sc. (Brit. Col.), Vancouver Genetics  
Thesis: Inhibitory Effect of Browning Reaction Products and Phenolic Compounds on Carinogen-Induced Mutagenesis.

Crandall, Robert Arthur, B.A. (Stanford), United States Planning  
Thesis: An Evaluation of Policy for Public Spas and Hot Tubs in British Columbia.

Craven, Carolyn Elizabeth, B.A. (Brit. Co.), Abbotsford Audiology & Speech Sciences  
Thesis: Characteristics of Mothers' Interrogatives to Young Children.

Crépeau, Hélène, B.Sc. (Laval), Richmond, Mathematics  
Thesis: An Examination of the Missing Data Problem in Experiments on the Effect of Drugs on Coronary Ligation in Rats.

Dadoun, Norman, B.Sc. (Western Ontario), Vancouver, Computer Science  
Thesis: Hierarchical Approaches to the Hidden Surface Problem.

Dobovicnik, Bernhard Karl, B.S., M.D. (Brit. Col.), Ganges, Pharmaceutical Science  
Thesis: Subcellular Localization of Adenylate Cyclase in Canine Heart Ventricle.

Embree, Valerie Catherine, B.A. (Brit. Col.), Vancouver, Health Service Planning  
Thesis: Occupational Nominal Roll Information as a Data Base for Epidemiological Research: Case Study.

Everett, Wayne Alexander, B.A., M.D. (Western Ontario), Ontario, Health Service Planning  
Thesis: A Survey of the Immunization Delivery System to Preschool Children in an Urban Canadian Community.

Foster, Bryan Richard, B.Sc. (Brit. Col.), Vancouver, Animal Science  
Thesis: Observability and Habitat Characteristics of the Mountain Goat (*Oreamnos americanus* Blainville, 1816) in West-Central British Columbia.

Furnell, Donald James, B.Sc. (Victoria), Alberta, Zoology  
Thesis: Effects of Crowding and Water Borne Stressors on Five Fishes with Different Social and Ecological Habits.

Giles, Donald George, B.A., B.Sc., M.A. (Oxford), Vancouver, Soil Science  
Thesis: Soil Water Regimes on a Forested Watershed.

Goyal, Anil, B.Tech. (Indian Inst Tech), India, Computer Science

Gullichsen, Eric Alexander, B.Sc. (Manitoba), Manitoba, Computer Science  
Thesis: Bidirectional Heuristic Search and Spectral S-Box Simplification for the Cryptanalysis of the NBS Data Encryption Standard.

Hebron, John Stephen, B.Sc. (Calgary), Vancouver, Physics  
Thesis: Laser Enhancement of Nuclear Beta Decay.

Helenurm, Kaius, B.Sc. (Toronto), United States, Botany  
Thesis: Genetic Differentiation of Hawaiian Bidens.

Hilliard, Martha Jane, B.A. (Victoria), Victoria, Audiology & Speech Sciences

Houston, Melanie J., B.A. (Warwick), Vancouver, Audiology Speech Sciences

Hsu, David, Hsing-Sheng, B.Sc., M.D. (Brit. Col.), Vancouver, Health Service Planning  
Thesis: A Framework for Development of a Provincial Health Plan: British Columbia.

Klut, Maria Emilia Alves Sá, B.Sc., Licent. (Porto), Portugal, Botany  
Thesis: Physiological and Cytological Effects of Sodium Fluoride Additions to Cultures of Euryhaline Phytoplankters with Emphasis on a Sensitive Dinoflagellate.

Lapadat, Judith Colleen, B.A. (Brit. Col.), Saskatchewan, Audiology & Speech Sciences  
Thesis: The Transition to Syntax: Influences on Children's Constructional Complexity.

Lee, Susan Lynn King, B.Sc. (Queen's), Ontario, Health Service Planning  
Thesis: The Formulation of Health and Welfare Related Social Policies for the Physically Disabled in Alberta and British Columbia.

Lee, Tim Kam, B.Sc. (Brit. Col.), Burnaby, Computer Science  
Thesis: Modeling and Estimating Atmospheric Effects in LANDSAT Imagery.

Lim, Andrew Vee San, B.Sc. (Wales), Malaysia, Chemistry  
Thesis: Structural Studies and Bacteriophage Degradation of *Klebsiella* Capsular Polysaccharides.

Lloyd, Cecilia Jiggy, B.Sc. (Edinburgh), Vancouver, Forestry  
Thesis: Reclamation in the Highland Valley: The Classification of Disturbed Areas for Evaluation and Planning.

Loftus, Kevin Kenneth, B.Sc. (Guelph), Ontario, Zoology  
Thesis: Effects of Rearing Density on Stress Response in Tank-Reared Juvenile Steelhead Trout, (*Salmo gairdneri*).

McConnell, Karen Mary Theresa, B.A. (Saskatchewan), Saskatchewan, Audiology & Speech Science

McLeod, Beverly Ann, B.Sc. (Brit. Col.), Vancouver, Physics  
Thesis: Numerical Studies of the Nuclear Hyperfine Interactions in Manganese Dichloride Tetrahydrate.

Meloche, Michèle Françoise, B.Sc. (McGill), Vancouver, Audiology & Speech Science

Miguel, Jose P., B.Sc. (Ingenieria Peru); M.Sc. (Kentucky), United States, Computer Science  
Thesis: An Evaluation of IMS/VS.

Millward, Christopher Gordon, B.Sc. (Brit. Col.), Vancouver, Geophysics  
Thesis: A Recalibration of the H-Gamma Luminosity Relation with High Signal-T-Noise Reticon Spectra.

Nadkarni, Ashok Vasant, B.E. (Indian Inst); M.A.Sc. (Waterloo), Vancouver, Computer Science  
Thesis: Modelling and Performance Comparisons of Some Ring Networks.

Palermo, Ravaldo Victor, B.Sc. (Toronto), Langley, Zoology  
Thesis: Defensive Strategies of Schooling Prey Under Predatory Stress.

Pettigrew, Ellen Lesley, B.Sc. (Queen's), Ontario, Geography  
Thesis: The Natural Variation of Sediment Phosphorus Fractions in the Littoral Zone of Vernon Arm (Okanagan Lake, British Columbia).

Poon, Hiron Hay-Lun, B.Sc. (Brit. Col.), Vancouver, Pathology  
Thesis: Degradation of Rat Colonic Epithelial Glycoproteins by Cell Free Extracts of Rat Faeces.

Riggs, Kenneth Wayne, B.Sc. (Pharm.) (Brit. Col.), Kamloops, Pharmaceutical Science  
Thesis: Metoclopramide: Fused-Silica Capillary GLC-ECD; Placental Transfer in Humans and Sheep.

Seifert, Keith Anthony, B.Sc. (Waterloo), Netherlands, Botany  
Thesis: Decay of Wood by the Dacrymycetales.

Shipman, Robert Charles, B.Sc. (Brit. Col.), Vancouver, Microbiology  
Thesis: Isolation of A Cell Surface Antigen Specific for Human Acute Myelogenous Leukemia Cells.

Smith, William Warren, B.E.S. (Waterloo), Alberta, Forestry

Snider, Jeffrey Allan, B.Sc. (Brit. Col.), Vancouver, Animal Science  
Thesis: Degradability and Utilization of Dietary Nitrogen Sources Commonly Fed to Dairy Cows.

Sonneveld, Ellen Meredith, B.Sc. (Toronto), Ontario, Geological Science  
Thesis: Deposition of the Cretaceous Lower Mannville Group, Drumheller Area, Alberta.

Stockwell, Blair Alan, B.Sc. (Trent), Vancouver, Agricultural Mechanics  
Thesis: The Evaluation of a Short-Term Holding System for the North American Lobster, *Homarus americanus*.

Tahiliani, Arunkumar Govindram, B.Pharm. (Bombay); M.Pharm. (Gujarat), Vancouver, Pharmaceutical Science  
Thesis: Effects of Insulin or Thyroid Treatment on Diabetes-Induced Myocardial Abnormalities.

Taurus, Thomas Edward, B.Sc. (Brit. Col.), Vancouver Microbiology  
Thesis: Biological Control of Olive Green Mold in the Cultivation of *Agaricus bisporus*.

Tritter, Susan Anne, B.Sc. (Agr.) (Guelph), Ontario Plant Science  
Thesis: Mechanisms of Diclofop Methyl Uptake in Oat Protoplasts (*Avena sativa* 'Cascade').

Waldron, David Anthony, B.A. (Cambridge), United Kingdom Geophysics  
Thesis: Structural Characteristics of a Subducting Oceanic Plate Off Western Canada.

Walker, Danya, B.Sc. (Toronto), Vancouver Audiology & Speech Sciences

Willcox, John Edward Francis, B.A. (Manitoba), Manitoba Physiology  
Thesis: The Commissural Projection of the Hilus of the Area Dentata in the Rat.

Willey, Norman Andrew, B.Sc. (Victoria), Cowichan Bay Forestry  
Thesis: Selection of Native Species for Alpine Reclamation Northeast Coal Block, British Columbia.

Williams, Harry Frederick Leonard, B.Sc. (Plymouth Polytechnic), Vancouver Geography  
Thesis: Influence of Topography and Infiltrability on Soil Moisture and Run-Off Generation in a Sub-Alpine Watershed.

Yeung, Chuck Choi-Hay, B.Sc. (Brit. Col.), Vancouver Pathology  
Thesis: Estrogen and Progesterone Receptors in Transplantable Noble Rat Mammary Tumors.

Ziegler, William Anthony, B.Sc. (Regina), Burnaby Physics  
Thesis: The Technical Characteristics of a Magnetic Spectrograph Used for ( $P, \pi$ ) Studies at TRIUMF.

## THE DEGREE OF MASTER OF EDUCATION

### ASSOCIATE DEAN FREEZE

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Abrossimoff, Catherine Irene, B.A. (Brit. Col.), Vancouver  
Ahrens, Rolf, B.Ed. (Brit. Col.), West Vancouver  
Asher, Robert Donald, B.Ed., (Brit. Col.), Whonnock  
Bailey, Shirley, B.Ed. (Brit. Col.), Sechelt  
Balanuik, John Alexander, B.Mus., B.A. (Brit. Col.), Surrey  
Ballou, Jeffrey Forbes, B.A. (Brit. Col.), Vancouver  
Bara, Matilda, B.N. (Dalhousie); M.S.N. (Brit. Col.), Vancouver  
Barber, Julianne, B.A. (Brit. Col.), Burnaby  
Beardsley, Richard James, B.A. (Brit. Col.), Richmond  
Bertrand, Ricki Susan, B.A. (Sir George Williams), Vancouver  
Biro, Jean Duffy, B.A. (Concordia), Ontario  
Bishop, Judith Florence Anne, B.Ed. (Victoria), Lantzville  
Bitz, Sandra E., B.A. (Brit. Col.), Vancouver  
Blackwell, Margaret Grace, B.A. (Western Ontario), Vancouver  
Block, Lynne Rosemary, B.A. (Brit. Col.), Burnaby  
Bloom, Janice Kirsten, B.H.E. (Brit. Col.), Kamloops  
Bromley, Ruth Anne, B.H.E. (Brit. Col.), Burnaby  
Conroy, Donald Finlay, B.Ed. (Brit. Col.), Maple Ridge  
Cosh, Calvin Harley, B.Ed. (Simon Fraser), Prince George

Coulter, Jeffrey Lee, B.A. (Toronto), Vancouver  
Cumming, Christine Sarah, B.A. (Brit. Col.), Vancouver  
Dallas, Judith Dianne, B.Ed. (Brit. Col.), Vancouver  
Davidson, Donald Edward, B.Ed. (Brit. Col.), Surrey  
de Figueiredo, Alex Malcolm, B.Ed. (Alberta), Burnaby  
Dickson, William Wallace, B.Ed. (Brit. Col.), Masset  
Doerksen, Laureen Gail, B.A. (Brit. Col.), Port Coquitlam  
Doi, Gary Ken, B.Ed. (Brit. Col.), Delta  
Dyck, Patrick Richard, B.Ed. (Brit. Col.), Vancouver  
Edmondson, James John Mowbray, B.A. (York), Vancouver  
Edwards, Garth Evan, B.Mus. (Brit. Col.), Burnaby  
Edwards, Michael Harry, B.Ed. (Brit. Col.), Pemberton  
Etchell, Charles Donald, B.A. (Brit. Col.), Mission  
Fennema, Linda Joy, B.Sc. (Alberta), Vancouver  
Ford, David Michael, B.Sc. (London); B.Ed. (Brit. Col.), Alberta  
Forney, Paul Julius, B.Ed. (Brit. Col.), Vancouver  
Forrester, Patricia Anne, B.Ed. (Brit. Col.), Vancouver  
Fowkes, William Clifford, B.Sc. (Brit. Col.), Quesnel  
Fridriksson, Edward Thor, B.A. (Simon Fraser), Kamloops  
Ganann, Gail Paulette, B.Ed. (Brit. Col.), Vancouver  
George, Marion Ruth, B.Ed. (Brit. Col.), Vancouver  
Gladman, Michael Frederick, B.A. (Brit. Col.), Vancouver  
Gosselin, Roger Emil, B.Ed. (Brit. Col.), Quesnel  
Greig, Nancy Elizabeth, B.R.E. (Brit. Col.), Vancouver  
Groenwold, Gezienus Frans, B.A. (Victoria), Maple Ridge  
Guest, Mary Louise, B.A. (Brit. Col.), Mission City  
Guy, Victor Munben, B.Mus. (Brit. Col.), Burnaby  
Hagen, Suzanne Peniston, B.H.E., B.Ed. (Brit. Col.), Port Moody  
Hansen, Clarence Hans, B.Ed. (Brit. Col.), Vancouver  
Hanson, Naomi Elma, B.A. (Brit. Col.), Vancouver  
Harwood, Linda Gillian, B.A. (Guelph), Vancouver  
Heeley, Ingrid, B.Ed. (Brit. Col.), Richmond  
Hove, Hoberly Heigh, B.A. (Brit. Col.), Kamloops  
Hughes, Paul Frederick, B.A. (Carleton); B.Ed. (Queen's), Vancouver  
Hurley, Jane Webb Davis, B.Ed. (Brit. Col.), Vancouver  
Hurst, Marietta Ellen, B.A. (Brit. Col.), Vancouver  
Jones, Donald Allan, B.Ed. (Brit. Col.), Grand Forks  
Joy, Charles Hilla, B.A. (Brit. Col.), Vancouver  
Kalley, John Peter, B.Sc., M.Sc. (Brit. Col.), Richmond  
Kennedy, James Alexander, B.A. (Western Ontario), Vancouver  
Kersell, Mary Witton, B.P.H.E. (Windsor); M.Sc. (Waterloo), Vancouver  
Konkin, Ronald Peter, B.Com. (Brit. Col.), Castlegar  
Lebler, Romana Maritta, B.A. (Simon Fraser), Mission  
Letson, Joan Ida, B.A. (Brit. Col.), Delta  
Loewen, Benjamin Peter, B.A. (Brit. Col.); B.R.E. (Mennonite), Greenwood  
Luu, Diane Veronica, B.A. (Simon Fraser), Abbotsford  
M'Buka, Francis Willies, B.Sc. (Malawi), Malawi  
Macdonald, Donald Arthur, B.P.E. (Brit. Col.), Matsqui  
MacVicar, Ian Cameron, B.A. (Brit. Col.), Chilliwack  
Mah, Suzanne, B.Ed. (Brit. Col.), Prince Rupert

McAleer, James Aidan, B.Ed. (Brit. Col.), Sardis  
 McRae, Susan Jane, B.A. (Victoria), Victoria  
 Mitchell, William Ronald, B.A. (Queen's), Ontario  
 Monroe, Norman Edward, B.A. (Simon Fraser), Prince George  
 Muise, Trevor Anthony, B.A. (Brit. Col.), Nanaimo  
 Murray, Valerie Noble, B.Comm. (Manitoba), Vancouver  
 Nickerson, Veronica Irene, B.S.N. (Brit. Col.), Vancouver  
 Nitkin, Betty Claire, B.Sc. (McGill), Vancouver  
 Oddsson, June Evelyn, B.Ed. (Brit. Col.), Burnaby  
 Ormond, John David, B.A. (Dalhousie), Abbotsford  
 Pascuzzo, Patricia Anne, B.Ed. (Brit. Col.), Cranbrook  
 Pearce, Garry Alan, B.Ed. (Brit. Col.), Ladysmith  
 Phillips, Martin John, B.A. (Simon Fraser), Vancouver  
 Powell-Williams, Juliet Andrea, B.A. (Brit. Col.), North Vancouver  
 Rathbun, John Brooks, B.A. (Victoria), Vancouver  
 Reed, Margaret Ruth, B.Ed. (Brit. Col.), Burnaby  
 Rochford, Christine Patricia, B.S.N. (Brit. Col.), Vancouver  
 Sagert, James Daniel, B.Ed. (Brit. Col.), Quesnel  
 Sale, Barry Ernest James, B.Ed. (Victoria), 150 Mile House  
 Scott, Olive Ann, B.A. (Brit. Col.), Courtenay  
 Scouler, John Thomas, B.Sc. (Victoria), Nanaimo  
 Serl, Kenneth Murray, B.A. (Brit. Col.), Kamloops  
 Smith, Arnold Frederick, B.P.E. (Brit. Col.), West Vancouver  
 Smith, James Noel, B.Ed. (Brit. Col.), Vancouver  
 Smith, Marina Mary Joan, B.Ed. (Victoria), Vancouver  
 Stanton, JoAnn Bernadette, B.Sc.N. (Ottawa), Richmond  
 Stedham, Sherilyn Gail, B.Ed. (Brit. Col.), Powell River  
 Stephens, Lauris Rita, B.A. (Western Ontario), Burnaby  
 Stevens, Robert James, B.Ed. (Brit. Col.), Delta  
 Strettan, Peter Floyd, B.A. (Brit. Col.), Burns Lake  
 Taverner, Robert Victor, B.Ed. (Brit. Col.), Prince George  
 Taylor, Debra Susan, B.P.E. (Brit. Col.), Brackendale  
 Thompson, Elizabeth Ann, B.Ed. (Brit. Col.), Coquitlam  
 Treichel, Leo Samuel, B.Ed. (Brit. Col.), Lillooet  
 Van Deventer, Linda Susan, B.A. (Simon Fraser), Vancouver  
 Wark, Lynette Deidre, B.A. (Simon Fraser), Prince George  
 Watson, Bruce McIntyre, B.A. (Brit. Col.), Vancouver  
 Wolfson, Larry, B.Com. (Brit. Col.), Vancouver  
 Zee, Ebeline, B.N. (McGill), Alberta

*The following Candidates completed requirements for this Degree in the Spring, 1983*

Andrews, John Charles, B.Sc., M.Sc. (Brit. Col.), Powell River  
 Barry, Barbara Joan, B.Ed. (Brit. Col.), Penticton  
 Baxter, Elaine Ingrid, B.A. (Idaho), North Vancouver  
 Birtch, Barry James, B.Ed. (Brit. Col.), Chilliwack  
 Bourgeois, Robert Michael, B.A. (Mount Allison), Delta  
 Bradley, William Thomas, B.Ed. (Simon Fraser), Richmond  
 Brown, Yvonne Salome, B.Ed. (Brit. Col.), Vancouver  
 Cherkezoff, Annie Mildred Marie, B.A. (Brit. Col.), Vancouver  
 Coulthard, Eleanor Louise, B.Ed. (Brit. Col.), Vancouver

Cunningham, Joanne Lee, B.S.N. (Brit. Col.), Prince George  
 de Figueiredo, Maria Fatima, B.A. (Poona); B.Ed. (Bombay), Coquitlam  
 Dermer, Arlene Harriet, B.A. (Concordia), Vancouver  
 Deschner, Thomas John Henry, B.A. (Brit. Col.), Delta  
 Doig, Joan Alberta, B.Ed. (Brit. Col.), Richmond  
 Drinkle, Robert Benjamin, B.A. (Simon Fraser), Delta  
 Gale, Anne Elizabeth, B.Ed. (Brit. Col.), West Vancouver  
 Gifford, David Alvin, B.P.E. (Brit. Col.), Vancouver  
 Heeley, Frank, Richmond  
 Horne, Sylvia Jean, B.S.R. (Brit. Col.), Vancouver  
 Jackovich, Jack Frank, B.Ed. (Brit. Col.), Campbell River  
 Janzen, Harry George, B.A. (Brit. Col.), Celista  
 Kharadly, Audrey, B.Ed. (Brit. Col.), Vancouver  
 Kolotyluk, Catherine Frances, B.Ed. (Alberta), Vancouver  
 Kozey, Stephen William, B.A. (Saskatchewan); M.A., M.S.W. (Brit. Col.), Burnaby  
 LaCroix, Heather Joanne, B.R.E. (Brit. Col.), Vancouver  
 LeGallais, Eileen Lorna, B.Ed. (Brit. Col.), Vancouver  
 Manders, Joan W., B.A. (Brit. Col.), Victoria  
 Mark, Doreen Shannon, B.Ed. (Brit. Col.), Prince Rupert  
 McFeely, Susanne Gayle, B.Ed. (Brit. Col.), Vancouver  
 Thesis: Teaching Sculpture: A Rationale and Resource Kit.  
 McGuinness, Nan Philomena, B.Ed. (Brit. Col.), Clearbrook  
 McKean, Jean Mitchell, B.Ed. (Brit. Col.), White Rock  
 McLeod, William Marshall, B.A. (Brit. Col.), Sardis  
 Mendgen, Elizabeth Scoffield, B.Sc.N. (Alberta), West Vancouver  
 Olyslager, Arthur John, B.Ed. (Brit. Col.), Coquitlam  
 Pennells, Andrea Maxwell, M.A. (Edinburgh), Mill Bay  
 Pingel, Juergen Albert, B.Ed. (Brit. Col.), Richmond  
 Plummer, Lida Tanya, B.A. (Brit. Col.), Fernie  
 Poulton, Robert Thomas Neil, B.Ed. (Brit. Col.), Crescent Beach  
 Reardon, Maria, B.A., M.A. (Saskatchewan), Saskatchewan  
 Reimer, Donald Murray, B.Ed. (Brit. Col.), Prince George  
 Ritchie, Sheila Elizabeth, B.P.E. (Brit. Col.), Vancouver  
 Ryan, Eileen Brigid, B.Sc.N. (Alberta), Vancouver  
 Thesis: Description and Analyses of Homemaker Training Programs in British Columbia Community Colleges.  
 Scott, Joan Katharine, B.A. (Brit. Col.), Prince George  
 Shearman, Kenneth Stewart, B.A. (Sir George Williams); M.A. (Brit. Col.), Burnaby  
 Sloat, Margaret Jean, B.Ed. (Brit. Col.), Nanoose Bay  
 Starick, Edward Stefan, B.Ed. (Brit. Col.), New Westminster  
 Thompson, Frank Gostick, B.P.E. (Brit. Col.), Richmond  
 Town, Carol Jane, B.A., B.Ed. (Queen's), Vancouver  
 Truscott, Teresa Anne, B.Ed. (Brit. Col.), Vancouver  
 Vail, Lynn Elizabeth, B.Ed. (Simon Fraser), Surrey  
 Waite, Joy Jean Ernestine, B.Ed. (Brit. Col.), Vancouver  
 Walker, Elmer John, B.Ed. (Brit. Col.), Delta  
 Ward, Angela, B.A. (London), Lytton  
 Whalley, Thomas Randall, B.A. (Sophia); M.A. (Brit. Col.), New Westminster  
 Woo, Raynor Kwong, B.A. (Simon Fraser), Delta  
 Wylie, Vivian, B.Sc., M.Sc. (Brit. Col.), Gold River  
 Yaskow, Wayne Raymond, B.A. (Simon Fraser), Abbotsford

## THE DEGREE OF MASTER OF PHYSICAL EDUCATION

ASSOCIATE DEAN FREEZE

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Goodman, Leonard Stephen, B.P.H.E. (Toronto), Ontario  
Thesis: Relationship between Training Heart Rate and Aerobic Threshold in Exercising Cardiac Patients.

Hearst, William Edward, B.P.H.E. (Lakehead), Vancouver  
Thesis: The Relationship between Anaerobic Threshold Excess  $CO_2$  and Blood Lactate in Elite Marathon Runners.

Parkhouse, Wade Stephen, B.P.E. (Alberta), Vancouver  
Thesis: Buffer Capacity of Human Skeletal Muscle; Relationships to Fiber.

Sasson Moshe, B.P.E. (Brit. Col.), Israel

*The following Candidates completed requirements for this Degree in the Spring, 1983*

Martindale, Walter Olsen, B.P.E. (Brit. Col.), Vancouver  
Thesis: Mechanical Energy Variations in Rowing.

Walsh, Michael Leonard, B.P.E. (Brit. Col.), Victoria  
Thesis: Serotonin and Exercise.

Weicker, Dianne Louise, B.Ed. (Victoria), Alberta  
Thesis: The Kinematics, Movement Phasing and Timing of a Field Hockey Drive in Response to Varying Conditions of Uncertainty.

Zakus, Dwight Harry, B.P.E. (Brit. Col.), Vancouver

## THE DEGREE OF BACHELOR OF SCIENCE

DEAN FINNEGAN

*The following Candidates completed requirements for this Degree in the Fall, 1982*

### BIOCHEMISTRY — MAJOR PROGRAM

Benoit, Rosemary Alexandra Louise	Vancouver	Wineberg, Timothy Walter	Vancouver
Charlson, Christopher Jordon	Richmond	Yeung, Joseph Kwong Chung	Richmond
McPhee, Eric Douglas	Kaslo		

### BIOLOGY — MAJOR PROGRAM

Davis, Janet Elizabeth	Alberta	Taralson, Colleen Lois-Ann	Vancouver
Louwe, Laurie Jean Elena	Port Hardy	Thiara, Narinderjit Kaur	Surrey
Morrison, Ian Spence	Ontario	Unwin, Douglas Harry	Vancouver
Primmatt, Dennis Robert Norman	Cobble Hill		

### BIOLOGY AND CHEMISTRY — HONOURS PROGRAM

Northcote, Peter Thomas	Vancouver	<i>Second Class</i>
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### BOTANY — MAJOR PROGRAM

Melis, Drake	Ontario
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### CHEMISTRY — MAJOR PROGRAM

Breen, Terrance William	White Rock	Madsen, Kim Lauritz	North Vancouver
Kasdorf, Timothy Wayne	Campbell River	Schouboe	Vancouver
Li, Edward Wing Ping	Vancouver	McCabe, Theresa Mary	

### COMPUTER SCIENCE — HONOURS PROGRAM

Ishida, Sandra Ayako	Port Coquitlam	<i>First Class</i>
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### COMPUTER SCIENCE — MAJOR PROGRAM

Carey, John Joseph	Ladner	Macdonald, John Douglas	North Vancouver
Chiu, Gladys	Vancouver	Ogloff, George Richard	Castlegar
Craze, Darren John	Gibsons	Roberts, Frederick Malcolm	West Vancouver
Gornall, Donald James	North Vancouver	Sira, Mandeesh	Surrey
Jones, Dawn Carolyn	North Vancouver	Vince, Janet Anne	West Vancouver

### GEOLOGICAL SCIENCE — HONOURS PROGRAM

Heather, Kevin Bruce	Vancouver	<i>First Class</i>
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### GEOLOGICAL SCIENCE — MAJOR PROGRAM

Butler, Sean Patrick	Vancouver	Salkeld, Robert Lloyd	Alberta
Caulfield, David Andrew	Vancouver		

### GEOLOGICAL SCIENCE AND GEOPHYSICS — HONOURS PROGRAM

Oliver, James Leslie, B.A. (Simon Fraser)	Cawston	<i>Second Class</i>
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### GEOPHYSICS — MAJOR PROGRAM

Matich, Thomas Raymond	Surrey
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### MATHEMATICS — MAJOR PROGRAM

Kool, John Peter	Kamloops
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### MICROBIOLOGY — MAJOR PROGRAM

Aziz, Tariq Mahmood	Yarrow	Wong, Belinda Yau-Kit	Vancouver
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### PHYSICAL GEOGRAPHY — MAJOR PROGRAM

Coates, Tracy Diane	Qualicum Beach
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### PHYSICS — MAJOR PROGRAM

Babicki, Matthew Lars	West Vancouver	Frisby, Patricia Gail	United States
Chang, David Wen	Vancouver		

**PSYCHOLOGY — MAJOR PROGRAM**

Hahn, Kuk Jin Edgar Vancouver

**ZOOLOGY — MAJOR PROGRAM**

Wong, Andrew Chuck-Kong Richmond

**GENERAL PROGRAM**

Yule, Amanda Dorothy North Vancouver

*The following Candidates completed requirements for this Degree in the Spring, 1983*

**ASTRONOMY — MAJOR PROGRAM**

Munro, Lance William Vancouver Rivard, Johnny O'Brien Vancouver

**ASTRONOMY AND PHYSICS — HONOURS PROGRAM**

Gill, Arnold Gerald Richmond *First Class*

**ASTRONOMY AND PHYSICS — MAJOR PROGRAM**

Dolden, Hugh Arnold Coquitlam

**BIOCHEMISTRY — HONOURS PROGRAM**

Blundell, Matthew Charles Thomas Vancouver *First Class*  
 Dewar, Leith Robert Stewart Vancouver *Second Class*  
 Fung, Marion Rose Vancouver *First Class*  
 Kan, Victor Langley *Second Class*  
 Lim, Anthony Richard Wing Yin Vancouver *First Class*  
 Rupitz, Karen Michele Osoyoos *Second Class*

**BIOCHEMISTRY — MAJOR PROGRAM**

Brunton, James William	Richmond	Kates, David Martin	Vancouver
Chao, Yuan Kong	Vancouver	Low, Kelvin	Vancouver
Chiu, Jeffrey Sing-Yu	Vancouver	Lum, Dennis Gene Yen	Vancouver
Conchie, Robert MacKenzie	Vancouver	Ma, Leila Yu-Kit	Vancouver
Foo, Violet Lai Yee	Vancouver	Neufeld, John Douglas	West Vancouver
Freebairn, Thomas Edgar	Nanaimo	Newton, Trevor Michael	Vancouver
Grant, Gordon Alan	Vancouver	Nitins, Maria	West Vancouver
Haslauer, Hubert	North Vancouver	See, Raymond Hugh	Vancouver
Ho, Cheeying	Vancouver	Soo, Lange	Vancouver
Hutton, Fay Marie	New Westminster	Wong, Christopher Chuck-Kin	Richmond
Jay, Barry	Vancouver	Wong, Kwakchang Gordon	Burnaby
Kalmár, Gabriel Béla	Coquitlam	Yan, Peter Kuen Fei	Vancouver
Kalsi, Gursharan Singh	Surrey	Yu, Simon Garman	Richmond

**BIOCHEMISTRY AND CHEMISTRY — HONOURS PROGRAM**

Khan, Zahid Feroze Vancouver *Second Class*

**BIOLOGY — HONOURS PROGRAM**

Chan, Glynis Mon-Yei Burnaby *First Class*  
 Foyle, Timothy Patrick Quebec *First Class*

**BIOLOGY — MAJOR PROGRAM**

Aker, Peter Donald	Vancouver	Lai, Grace Ho-Kwun	Burnaby
Atkinson, Edward Paul	Kelowna	Lanskail, Carmen Louise	Vancouver
Axworthy, Brenton Ross	Penticton	Lee, Albert	Port Alberni
Bandoni, Susan Marie	Vancouver	Lee, Robert Lester	Kelowna
Barnett, Heather Elaine	North Vancouver	Maltman, Thomas Alexander James	Kelowna
Borgmann, Ira Elizabeth	Burnaby	McKenzie, Darrell-Lee	Peachland
Brailey, David Alan	Vancouver	McLoughlin, Wendy Ann	Abbotsford
Carvalho, Gustavo Jose	Richmond	McNeight, Allison Claire	West Vancouver
Chan, Amy Mimi	Delta	McNeil, Bernard Kelly	Vancouver
Chan, Angela Piu-See	Richmond	McPherson, Catherine	Vancouver
Chang, Roselyn Kim King	Vancouver	Mok, David Yu-King	Vancouver
Chao, Lorna Chin-Hua	Vancouver	Moschonas, Constantine Gerrasimos	Vancouver
Clark, Denise Valerie	West Vancouver	Naito, Russell Lance	Kelowna
Cooper, Carl Allan Glenn	Campbell River	Nasu, Alan John	Vancouver
Davies, James Timothy	Delta	Payne, Darren Vaughn	North Vancouver
Diewert, Ronald Edward	Vancouver	Penfold, Jamie Lyn	Maple Ridge
Dunn, Lorne Arthur James	Kelowna	Perler, Laura Adrienne	Vancouver
Eaton, Joan Patricia	Burnaby	Reichel, Karen	Sardis
Edwards, Karen Esther	Port Coquitlam	Richwa, Patricia Elizabeth	North Vancouver
Ellis, Simon Thomas Jack	Gabriola Island	Shepard, Glyndwr Michael	Kamloops
Eng, Jeyne	Vancouver	Sherrin, Alexander McLean	Kelowna
Enns, Aiden John	Vancouver	Spencer, Keith Evan	Vancouver
Ferrill, Darrell Rodger	Richmond	Stepney, Peter James	Lions Bay
Franz, Kerry-Lyn Elizabeth	Vancouver	Stewart, Gordon Gladstone	Burnaby
Gosal, Hoshiar Sharry	Golden	Tejani, Noorani B.	North Vancouver
Gurm, Raj-Mohinder Singh	Prince George	Thomson, Randall James	Burnaby
Hassan, Douglas Matthew	West Vancouver	Ty, Sheila Anne	Surrey
Hooker, Laura Jayne	Sechelt	Van de Wetering, Sven Gerald	West Vancouver
Hughes, Peter Robert	North Vancouver	Varley, Robert Mark	Richmond
Humer, Michael Francis	West Vancouver	Verchere, Cameron Bruce	West Vancouver
Jawanda, Manindar	Prince George	Wennberg, Richard Arnold	Burnaby
Johnson, Cynthia Laurie	Coquitlam	Wentzell, Paula Lanette	Nova Scotia
Johnson, Karen Leah	Prince George	Wong, David Glenn	Vancouver
Jow, Carolyn Vera	Burnaby	Wong, Phoebus Wing Cheong	Vancouver
Kadota, Kathryn Etsuko	Surrey	Wong, Raymond Wai Ming	Port Coquitlam
Karas, Paul	Vancouver	Yan, Irene Oi Lin	Vancouver
Kent, Bonnie Marie	Vancouver	Zilsel, Joanna	Vancouver
Kroitzsch, Renate Barbara Annemarie	Burnaby		

**BIOLOGY AND FORESTRY — HONOURS PROGRAM**

Kelsberg, Daniel Watson West Vancouver *Second Class*  
 Ulansky, Sherry May Langley *Second Class*

**BOTANY — HONOURS PROGRAM**

Zamluk, Elizabeth Anne Vancouver *Second Class*

**BOTANY — MAJOR PROGRAM**

Heese, Robert Llewellyn North Vancouver Klein, Elena Dionis Vancouver  
 Herrington, Edward John Vancouver Vogt, Nancy Lynne Vancouver

**BOTANY AND ZOOLOGY — MAJOR PROGRAM**

Adelson, Lyle Sheldon Vancouver Waterhouse, Michaela Jane Qualicum Beach  
 De Geus, Petronella Maria Johanna Qualicum Beach Yearsley, Hilary Karen Nelson

**CHEMISTRY — HONOURS PROGRAM**

Lee, Nelson Y. C. Vancouver *First Class*  
 Leung, Joe Bunn Surrey *First Class*

**CHEMISTRY — MAJOR PROGRAM**

Bell, Brent Cameron Richmond Reid, Waverley Elaine North Vancouver  
 Dunn, James Michael Vancouver Sobaszek, Barbara Delta  
 Elwood, Stephen Douglas Delta Tischler, Mark Vancouver  
 Isaac, Carey Dwight Chilliwack Uhrich, Kalin Jayce Fort St. James  
 Kuo, David Liang Burnaby Yan, Joseph Leung On Vancouver  
 Kurz, Karl Edward Yarrow Yu, Tommy Kwock Fai Vancouver  
 Malacko, Alison Rae Nelson

**CHEMISTRY AND GEOLOGICAL SCIENCE — MAJOR PROGRAM**

Jung, Diana Jean Chemainus

**CHEMISTRY AND MATHEMATICS — HONOURS PROGRAM**

Klippenstein, Stephen Jacob Vancouver *First Class*

**COMPUTER SCIENCE — HONOURS PROGRAM**

Gonzalez, Jose Francisco Vancouver *First Class*  
 Hillier, Mark Ronald Vancouver *First Class*  
 Kingdon, Stewart John Vancouver *First Class*  
 Lam, Jenny Ai Hue Vancouver *Second Class*  
 Milton, Norman Martin Mark Friesen Winfield *First Class*  
 Trowsdale, Garrick Gavin Vancouver *First Class*

**COMPUTER SCIENCE — MAJOR PROGRAM**

Arcscott, Deirdre Anne, B.Sc. (Agr.) (McGill) Vancouver  
 Asuncion, Maria Lourdes Vancouver  
 Cachola, Danny Goncalves Oliver  
 Castillo, Eduardo Jorge North Vancouver  
 Chan, Linda Vancouver  
 Cheetham, Frank Lindsay Vancouver  
 Chen, David Shengwei West Vancouver  
 Cheng, Chao-Yong Vancouver  
 Cheng, Eric Tak Kwong Vancouver  
 Chiu, Eliza Wing-Mun North Vancouver  
 Chow, Chooy Keong Vancouver  
 Con, Alvin Benjamin Vancouver  
 Dunwoody, Douglas William, B.P.E., M.P.E. (Brit. Col.) Vancouver  
 Ertis, Susan Lynn Vancouver  
 Fang, Jennifer, B.Sc. (Agr.) (McGill) Ontario  
 Goh, Eric Eng Hui Richmond  
 Grundmann, Detlef Frank Vancouver  
 Guanzon, Abigail Galicia Vancouver  
 Hall, Joanne Helen Delta  
 Kan, Hubert James Vancouver  
 Kerfoot, Gregory Brian Burnaby  
 Ko, James Ontario  
 Laberge, Brian Paul Burnaby  
 Lau, John Kam Wing Vancouver  
 Lay, Donald Mark Delta  
 Lee, Evan Vancouver  
 Lee, Terry Port Alice  
 Leong, Joseph Hok Chow Vancouver  
 Li, Anda Tak Yee Vancouver  
 Lindgaard, Craig Alan Harold Vancouver  
 Livingstone, Andrew Angus Ontario  
 Lo, Kevin Ka-Wing, B.A.Sc. (Brit. Col.) Vancouver  
 Ma, Michael Wing Chang Vancouver  
 MacLaren, Philip Brodie Richmond  
 Messer, Joerg Langley  
 Ng, Becky Vancouver  
 Nichele, Ivano Moreno Port Alberni  
 Nieman, Maureen Mary Richmond  
 Overton, Kimberly Margaret Vancouver  
 Parker, Brian Leslie Vancouver  
 Polyk, Darryl Glen Prince George  
 Pullan, Brent Wayne Vancouver  
 Redekop, Robert Arthur Delta  
 Rourke, David Arthur Vancouver  
 Saimoto, Joanne Yoshimi Burnaby  
 Scott, Andrew Norman Burnaby  
 Shum, David Vancouver  
 So, Kenneth Chong Vancouver  
 Tsai, Judy Chih-Chin Vancouver  
 Vadeboncoeur, Alexander Henrei Courtenay  
 van der Geest, Lambertus Nicolaas Agassiz  
 Wind, Anthony Lewis Vancouver  
 Wong, Henry Gan Jang Vancouver  
 Wong, Jim Vancouver  
 Wong, John Christopher Chi Moon Vancouver  
 Woo, Harry North Vancouver  
 Wylie, Douglas Sinclair Alberta  
 Young, Shelley Law Sum Vancouver

**COMPUTER SCIENCE AND MATHEMATICS — HONOURS PROGRAM**

Chow, Edmond Dean Vancouver *First Class*  
 Tse, See Foon, B.A.Sc. (Brit. Col.) Vancouver *Second Class*

**COMPUTER SCIENCE AND MATHEMATICS — MAJOR PROGRAM**

Chan, Eleanor Yee-Lan Vancouver  
 Robson, Roger Anthony Gunn Vancouver

**COMPUTER SCIENCE AND PHYSICS — MAJOR PROGRAM**

Butler, Bruce Edward Vancouver

**GEOLOGICAL SCIENCE – HONOURS PROGRAM**

Foellmer, Katrine Elizabeth Hilda	Vancouver		<i>Second Class</i>
Fogarassy, Josef Anthony			
Steve	Campbell River		<i>First Class</i>
Kenkel, Lorain Theresa	Comox		<i>Second Class</i>
McDonald, Bruce Walter Robert	Vancouver		<i>Second Class</i>
Muir, Andrew Eric	Vancouver		<i>Second Class</i>
Mustard, John Fraser	Ontario		<i>Second Class</i>
Peter, Jan Matthias	North Vancouver		<i>First Class</i>
Wainwright, Clytaemnestra Shannon			
Daphne	Vancouver		<i>Second Class</i>
Webb, Paul Joseph	Burnaby		<i>Second Class</i>

**GEOLOGICAL SCIENCE – MAJOR PROGRAM**

Bennett, David Randall	Penticton	Louie, Laura Ann	North Vancouver
Borschneck, Toni Maureen	United States	Macfarlane, Christopher Fyfe	Quebec
Butterworth, Brian Paul	Garibaldi Highlands	Mackenzie, Teresa Mary	
Coombes, Steven Francis	United States	Margaret	Vancouver
Cunningham, Laurel Dawn	Gulf Islands	Mann, William Douglas	West Vancouver
Desjardins, Wilfred Ernest	Alberta	Nauss, Anne Louise	Sidney
Earl, Douglas John	Nanaimo	Nelles, David Massy	Victoria
Evans, Graeme William	Powell River	O'Neill, Darlene Marilyn	Langley
Fagerlund, Paul Michael	North Vancouver	Payie, Garry John	Vancouver
Feduik, Deborah Esther	Delta	Picken, George Arthur	Powell River
Fierheller, Lori Ann	Vancouver	Preinsperger, Kurt	Vancouver
Fjetland, Gregory Edward	Saskatchewan	Sainas, Michael Theo	Vancouver
Gill, David Graham	Delta	Shapka, Lenore Muriel	Alberta
Gow, Kari Lynn	Alberta	Tamaki, Robert Ikuo	Vancouver
Halleran, William	Fort St. James	Thomae, Barbara Yvonne	Surrey
Hanson, Lyndon Glenn	Port Moody	Thorkelson, Derek John	Vancouver
Harrop, John Christopher	Surrey	Tomlinson, Scott Stewart	Vancouver
Koyanagi, Victor Mario	Ontario	Willson, John Daniel	Delta
Lee, Siew-Yin	Vancouver		

**GEOLOGICAL SCIENCE AND GEOPHYSICS – HONOURS PROGRAM**

Miller, David Daniel, LL.B. (Victoria)	Burnaby		<i>Second Class</i>
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**GEOPHYSICS – HONOURS PROGRAM**

Lundby, Susanne	Denmark		<i>Second Class</i>
Smith, Richard Gregg	North Vancouver		<i>Second Class</i>

**GEOPHYSICS – MAJOR PROGRAM**

Amor, John Robert Allan	White Rock	Galleguillos, Alberto	Vancouver
Chang, Calvin Yueh Neen	Vancouver	Gamp, Andreas	Surrey
Den Boer, Lennert David	Alberta	Jones, Keith Russell	Langley
Flentge, David Martin	Aldergrove	Lee, Francis	North Vancouver
Fong, Beverly Yung-Ching	Alberta		

MacKenzie, Arthur Earl	Salmon Arm	Somerville, Charles Robert	Ruskin
Peller, Peter	Vancouver	Vodak, Peter	Alberta
Podowski, Darrell William	Vancouver	Wong, Teddy Tap Ming	Salmon Arm
Sheffield, Brian Arthur	West Vancouver	Yallouz, Steve	Vancouver

**APPLIED MATHEMATICS – MAJOR PROGRAM**

Campos, Vincent Stephen		Monk, David Michael	Richmond
Villagracia	Vancouver		
Cavallin, Carmen Maria	Vancouver		

**MATHEMATICS – HONOURS PROGRAM**

Pernarowski, Mark Christian	Vancouver		<i>Second Class</i>
Ward, Michael Jeffrey	Vancouver		<i>First Class</i>

**MATHEMATICS – MAJOR PROGRAM**

Fowler, David John	New Westminster	Kiss, William John	Oliver
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**MATHEMATICS AND PHYSICS – HONOURS PROGRAM**

Stoddard, Robin Shaune	Vancouver		<i>Second Class</i>
Sutherland, Mark McLeod	Victoria		<i>First Class</i>

**MICROBIOLOGY – HONOURS PROGRAM**

Bentley, Judith Frances	Maple Ridge		<i>Second Class</i>
Boname, Jessica Miriam	West Vancouver		<i>Second Class</i>
Lizama, Hector Mark	Richmond		<i>Second Class</i>

**MICROBIOLOGY – MAJOR PROGRAM**

Auld, Vanessa Jané	Vancouver	Loy, Roger David	Victoria
Berna, Filippo Marco Stefano	Vancouver	Macculloch, Sheena Ann	Delta
Boycott, Eric Norman	Delta	MacDougall, Susan Carol	Langley
Buenaventura, Enrico Alejo	Coquitlam	Ng, Monica Ching Han	Vancouver
Chen, Ying	Vancouver	O'Connor, Kim Teresa	North Vancouver
Chow, William Edwin	Prince George	Quenville, Brenda Joan	Delta
Der, Henry Young	Vancouver	Reinhold, Ronald Ivar	Vancouver
Fletcher, John Norman	Port Coquitlam	Retallick, Ricky Dale	Richmond
Forsyth, Margaret Mary	Vancouver	See, Millan	Vancouver
Grant, Christopher Colin		Senges, Randall John	Delta
Roderick	Vernon	Shimizu, Lisa	Vancouver
Hajen, Elizabeth Cecilia	Richmond	Standerwick, Brian Edward	Vancouver
Horton, Gary Clifford	Port Coquitlam	Supernak, Frank John	Nanaimo
Hoy, Lena	Richmond	Toone, William Mark	Victoria
Johnson, Kim Gordon Lee	Vancouver	Van Brunt, Jay Susan	West Vancouver
Kenney, John Michael	Vancouver	Waddell, Jeffrey Scott	Delta
Leaf, Evelyn Marie, B.A. (Wisconsin)	Vancouver		
Lee, Elaine	Surrey		
Love, Donna Lianne	Vancouver		



**PHYSICAL GEOGRAPHY -- HONOURS PROGRAM**

Darby Jr., Robert Nathan	Vancouver		Second Class
Martin, David Graham	Vancouver		Second Class

**PHYSICAL GEOGRAPHY -- MAJOR PROGRAM**

Davies, Lorne Edward	Kamloops	Koch, Gary Robert	North Vancouver
Furness, Howard Wayne	New Westminster	Marton, Andrew Mark	Victoria
Hartmann, Kim Gertrud		Robertshaw, Chris Gordon	Kelowna
Irmgard	Vancouver		

**PHYSICS -- HONOURS PROGRAM**

Filuk, Alexander Bruce	Langley		First Class
Gabin, Raymond Michel	Vancouver		Second Class
Gee, Michael Adam	Vancouver		Second Class
Lee, Lawrence	Vancouver		First Class

**PHYSICS -- MAJOR PROGRAM**

Benkovich, Andrew Edward		Marr, Gordon R.	Vancouver
Mesterhazy	North Vancouver	Salvador, Silvano Steven	Burnaby
Chiang, William	Victoria	Shum, Bill Chi-King	Surrey
Dartnell, Vicki June	Vancouver	Taylor, Norman George	Kamloops
Frank, David Leo	North Vancouver	Yu, David Kwok Yun	Vancouver
Humphreys, Michael Arthur			
Wren	West Vancouver		

**PHYSIOLOGY -- HONOURS PROGRAM**

Blinkhorn, Mark Thomas	Richmond		Second Class
Choo, Caroline Whye Han	Richmond		First Class
Holmes, Allan Edward	Surrey		First Class
Maartman, Benard Siegfried	Victoria		Second Class
Miller, Terrence Roy	Comox		First Class
Nayar, Anuradha	Burns Lake		First Class
Siemens, Randolph William	Vancouver		Second Class
Steeves, Richard Martin	Burnaby		First Class
Sutter, Frances Michelle	Vancouver		Second Class
Tong, Christina Siu Yu	Vancouver		Second Class
Tsang, Katherine Siu Kwan	Vancouver		Second Class

**PSYCHOLOGY -- HONOURS PROGRAM**

Beck, Matthew	Black Creek		First Class
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**PSYCHOLOGY -- MAJOR PROGRAM**

Bak, Janice Morgan Margaret	Richmond	Dalinghaus, Kathieen Andrea	West Vancouver
Bartrop, Richard John Stanley	Lantzville	Kampman, Jacqueline Ida	Abbotsford
Bethune, Donald James	West Vancouver	Lazosky, Andrea	Vancouver
Chow, Michael Anthony	Vancouver	Lepine, Keith Micheal	Surrey
Clarke, Jeffrey McConaughy	Vancouver	Lising, Alix Aurore	Vancouver

Longley, Wendy Avery	Vancouver	Stein, Jeffrey Ronald	North Vancouver
Parsons, Allison Mary	Vancouver	Vessal, Salma	Vancouver
Riddell, William Grant	Richmond	von Krosigk, Marcus	Lumby
Shek, Lydia Lai Mui	Vancouver	Wild, Gregory Leigh	
Soucy, Louis Joseph	Vancouver	Francis	West Vancouver

**ZOOLOGY -- HONOURS PROGRAM**

Bell, Kathryn Ann	West Vancouver		First Class
Cardwell, James Robert	Salmo		First Class
Duffy, Ronald Soren	Sardis		Second Class
Lancaster, Jill	Vancouver		First Class
Osborne, Graham Michael	Surrey		First Class
Reid, Douglas James	Port Moody		Second Class

**ZOOLOGY -- MAJOR PROGRAM**

Arnold, Nancy Elizabeth	Vancouver	Helbig, Anne Marie	United States
Belyk, Pamela Ann	Surrey	Hoing, Paul Aloys	Vancouver
Bennett, Joan Elizabeth	Campbell River	Hollenberg, Susan Lynn	Vancouver
Bhatt, Charulata	Burnaby	Hurd, Thomas Eric	N.W.T.
Boehm, Barbara Tess	Richmond	Jahn, Udo Siegfried	Burnaby
Boyd, John David Harold	Vancouver	Jones, Gwyneth Myfanwy	Vancouver
Brice, Cynthia Louise	North Vancouver	Kadota, Shelley Anne Hiroko	Vancouver
Brouwer, Robert Allen	Delta	Kuschke, Elizabeth Maureen	Ontario
Campos, Theresa Jane	Vancouver	Leung, Georgina May	Vancouver
Chan, William Christopher		Mclean, Heather Ann	Vancouver
Teet Fung	Vancouver	Mclorg, Alison Jane	White Rock
Chin, Leo Peter York-Far	West Vancouver	Nichols, Cathleen Rose	Surrey
Corbin, Robert Lester	Prince George	Pontus, Kathleen Patricia	Chilliwack
Fisher, Patricia M.	Whonnock	Pynylo, Michael Dennis	West Vancouver
Forgach, Linda Gezanne	Vancouver	Reid, Catherine Olivia Mary	
Gagel, Utta Hanna Edla	Vancouver	Victoria	Vancouver
Galbraith, Lorri Jane	Vancouver	Shelly, Leslie	Australia
Galesloot, Mark Michael	Penticton	Szencsak, Susan Maria	Vancouver
Gore, Jennifer Louise	Kamloops	Thompson, Neil Douglas	Burnaby
Harper, David Gordon	North Vancouver	van As, Glenn Anthony	West Vancouver
Harrison, Nigel Phillip	Vancouver		

**GENERAL PROGRAM**

Godo, Masakazu	Lillooet
Goumeniouk, Alexander Philip	Dooley,
B.A. (Queen's)	North Vancouver
Green, Thomas Campbell	Kamloops
Hoff, Gregory Conrad	Vancouver
Kettler, David Walter Peter	
Gregg	Burnaby
LeDuc, Kenneth Charles	Ladysmith
Tabata, Richard Naohiro	Vancouver
Tremblay, Laura Catherine	North Vancouver

## THE DEGREE OF BACHELOR OF EDUCATION (SECONDARY)

ASSOCIATE DEAN McKIE

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Adams, Harold Joseph	Delta	McElgunn, Geoffry David	Maple Ridge
Boscarol, Paul Olivo Marco	Prince George	Nicol, Michelle Lynn	Vancouver
Cairns, Edward Charles Francis	Richmond	O'Malley, David Shane	Burnaby
Clarke, Lawrence John	Prince George	Parker, John Eric	Burnaby
Clutche, Terence Leo	Maple Ridge	Pol, Rita Belinda	Surrey
Copeland, Brian Dwight	Richmond	Powell, Jane Elizabeth	Kamloops
Crawford, John Collins	Nelson	Schwanke, Thomas Friedrich	Prince George
Doherty, Mervyn Cyril	Prince George	Sheppard, Jonathan	North Vancouver
Ewing, Gillian Noël	West Vancouver	Stuart, Grant Melvin	Cranbrook
Gill, Kirtpal Singh	Burnaby	Thomas, Kenneth	Surrey
Hennig, Karl Heinz	Burnaby	Tomlinson, Freda Elizabeth	Yukon Territory
Holbrook, Bruce Philip	Burnaby	Vague, Ronald Charles	Burnaby
Jantz, Kerry Lee	Fraser Lake	Warkentin, Andrew John	Cranbrook
Kerr, Donald Charles	Burnaby	Webb, Raymond Murray	Chilliwack
Manhas, Harminder Singh	Prince George		

*The following Candidates completed requirements for this Degree in the Spring, 1983*

Allingham, Keith Ritchie	Langley	Halisheff, Michael Ronald	Castlegar
Armstrong, Kevin Graham	Vancouver	Hay, Kenneth Alan	Vancouver
Barnson, Janice Lynn	Surrey	Hayward, Margaret May	Mission
Bean, Roxanne Yvette	Surrey	Hobkirk, Bruce William Charles	Coquitlam
Bingley, Craig Gilbert	Vancouver	Ikeda, Leslie Emi	Vancouver
Bloudell, Ricky Alan	New Westminster	Johnson, Carl Geoffrey	Delta
Bodin, Lorne Alexander	Mackenzie	Lam, Virginia Chy Pien	Vancouver
Bosco, John Robert	North Vancouver	Lewis, Wendy	Vancouver
Bowen, Barbara Lee-Ann	Vancouver	Logan, James Nelson	North Vancouver
Calkins, Arlene Rae	Vancouver	Louden, David Robert	Vancouver
Carter, Brad Howard	Vancouver	Louie, Denise Mary	Vancouver
Combs, Dale Richard	Cobble Hill	Lowe, Susan Janis	Vancouver
Csizmadia, Loyd Norman Ferenc	Sardis	Lunny, William Mark	Victoria
Cué, Beatriz	Delta	Lynn, Sherry Dawn	Vancouver
Dal Monte, Paul Joseph	Vancouver	Ma, Anna Man Ling	Vancouver
Del Medico, Elaine Mary	Kamloops	Mah, Terry	Burnaby
Fatkin, Marina	Surrey	Mau, Celina Hoi Ting	Vancouver
Foo, Carolyn Joan Marr	Vancouver	McCormick, Brenda Ann	Mission
Foot, Robert Edward	Port Coquitlam	McDonald, Patricia Ann	Abbotsford
Fraser, Rebecca Berney Frances	Vancouver	Miyashita, Patrice Kazu	Vancouver
Freinhofer, Astrid	Vancouver	Monro, Edward Wakefield	Agassiz
Gallagher, Diane Patricia	North Vancouver	Moro, Larry Anthony	Burnaby
Glier, Bernie	Richmond	Morris, Joseph	Mission
Gorval, Deborah Ann	Vancouver	Nelson, Lawrence Gordon	Richmond
Greenfield, Troy Keith	Langley	Nickel, Norma Joy	Surrey
Guincher, Karen Isabel	Vancouver	Niederauer, Joan Marie	Vancouver
Guizzo, Moreno	Kitimat	Nonis, Theresa Louise	Burnaby
Guraliuk, Raymond H.	Vancouver	Ohl, Robert Joseph Richard Alexander	Courtenay

Parsons, James Gordon	Nova Scotia	Smith, Stuart Douglas Hugh	Burnaby
Patterson, Stephanie Lynn	Vancouver	Soon, Mary Bernadette	North Vancouver
Pearce, Michael George	Burnaby	Stirling, Virginia Louise	Vancouver
Phillips, Susan Ruth Marie	Surrey	Story, Karen Louise	Vancouver
Piercy, David John	West Vancouver	Stubbs, William Allan	Alberta
Piroti Karadima, Stavroula	Delta	Thomson, Bruce William	Vancouver
Poier, Amabile	Burnaby	Timothy, Susan G.	Vancouver
Prpic, Katica	New Westminster	Tonks Jr., Michael James	New Westminster
Raleigh, Sharon Colleen	Burnaby	Tycho, David Grant	Burnaby
Ribeiro, Sebastian Coelho	Kitimat	Upton, Lesley Evelyn Wanita	Vancouver
Rogers, William Richard	Vancouver	Varro, Timothy Joseph	New Westminster
Sawatzky, Robert Walter	Vancouver	Western, David Hywel	Hornby Island
Scoretz, Shannon Mary	North Vancouver	Williamson, Penny Ruth	Surrey
Simon, Cheryl Lynne	Sidney	Wilson, Valerie Jean	Vancouver
Smart, James Douglas	Richmond	Woodward, Keith Jeffrey	Burnaby

## THE DEGREE OF BACHELOR OF EDUCATION (SPECIAL EDUCATION)

DEAN BIRCH

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Baglot, Lorri Ann Marie	Delta	Martin, Sandra Gwynne	Vancouver
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*The following Candidates completed requirements for this Degree in the Spring, 1983*

Banham, Anne Elizabeth	Vancouver	Horn, Wendy Lea	Mission
Carruthers, Paula-Mae Frances	Vancouver	Li, Sylvia S. Y.	Vancouver
Coleman, Rose-Anne Mary	Penticton	Liefke, Rose Ida	Alberta
Demary, Peggy Joan	Vancouver	Mah, Linda Jane	Vancouver
Dornbierer, Erin Suzanne	Sardis	Melrose, Rhonda Elizabeth	Richmond
Duncan, Patricia	Vancouver	Nystoruk, Beverly Ann	Kamloops
Emigh, Linda Joan	Kelowna	Ono, Jennifer Asami	Vancouver
Feniak, Catherine Anne	North Vancouver	Pastore, Miranda Maria	Prince George
Freedman, Wendy M.	Vancouver	Sandhoefner, Carmen Krista	Vancouver
Haynes, Juanita Holly	New Westminster	Tone, Edwina Jean	West Vancouver
Herczeg, Brenda Irene	Vancouver	Trunkfield, Donna Margaret	North Vancouver
		Vanchu, Michelle Mae	North Vancouver

## THE DEGREE OF BACHELOR OF EDUCATION (ELEMENTARY)

DEAN BIRCH

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Abbott, Linda Jean	Vancouver	Bain, Shirley Joan	Abbotsford
Aitchison, Shirley Gail	Richmond	Barski, Gwen	Vancouver
Allen, Valerie Mae	Nanaimo	Belcher, Adrienne Ruth	Vancouver
Andersen, Catherine Ann	North Vancouver	Bell, Wendy Elizabeth	Coquitlam
Askey, Valentine Lynn	Invermere	Black, Janet Cutler	West Vancouver
Axworthy, Evelyn B.	Penticton	Britton, Donna Maureen	Delta

Burow, Eunice Rita	Brentwood Bay	McKay, Lois Gail Dorothy	Nass River	Wilson, Verdelle Elizabeth	Parksville	Yano, Rae	Coquitlam
Chan, Alice Siu-Ping	Vancouver	Miller, Deborah Cheryl	Richmond	Yamamoto, Tatsuo	Sardis		
Chauhan, Rita Elizabeth	Kamloops	Moldenhauer, Diane D.	Ashcroft	<i>The following Candidates completed requirements for this Degree in the Spring, 1983</i>			
Chong, Patricia Joan	Delta	Monaghan, Charles Stanley	Richmond	Abbott, Kathryn Elaine	Vancouver	Dedels, Cheryl Lee	Kelowna
Chow, Sophie	Vancouver	Moran, Margaret Ann	Dawson Creek	Allison, Lorraine Florence	Lac la Hache	deJong, Marilyn Joan	Richmond
Cook, Lois Julia	Vancouver	Morin, Barbara May	Bella Coola	Anderson, Kenneth Norman	Vancouver	Den Dekker, Marian Ady	Brackendale
Coote, Mary	North Vancouver	Mostad, Clarice Olive	Vancouver	Aramini, Robert	Vancouver	Deriu, Filomena	Vancouver
Corbeil, Giselle	Vancouver	Nelmes, F. Ron	Delta	Armstrong, Lauren Jane	Vancouver	Douglas, Victoria Anne	Surrey
Cronin, Penelope Elizabeth	Vancouver	Nemrava, Donna W.	Surrey	Baehr, Jane Louiseanna	Dawson Creek	Elliott, Patricia Margaret	Coquitlam
Dixon, Joan Lorraine	Langley	Neufeld, Leane	Vancouver	Balinski, Josephine Barbara	Delta	Espey, Adele Rose	Chemainus
Doodly, Sharon Marie	Burnaby	Noon, Karen Janice	Vancouver	Balmer, Megan Audrey	Vancouver	Espinell, Joanne Elizabeth	Vancouver
Eby, Anne	Vancouver	Nyce, Broderick Darrell	Hazelton	Bamber, Karen Elizabeth	North Vancouver	Ewart, Jill Beverly	Rosedale
Evans, Ernestine	Fernie	O'Leary, Frances Joan	Vernon	Barber, Brian Kenneth	Delta	Fahlman, Kathryn Anne	Vancouver
Floyd, Phyllis Edna	Revelstoke	Penner, Carol Lynne	North Vancouver	Bartsch, Lynette Susan	Clearbrook	Federation, Ramona Brigitte	Vancouver
Franco, Julio Manuel	Kitimat	Peskett, Carmen	Vancouver	Belgardt, Gracia Gabrielle	Vancouver	Foxall, Marian	West Vancouver
Gairdner, Mary Josephine	Vancouver	Phillips, Margaret Ann	Grand Forks	Bell, Elizabeth Anne	Vancouver	Frehlick, Kim Joanne	Richmond
Girard, Gisèle Marie	Vancouver	Plaatjes, Mary Andeline	Garibaldi Highlands	Bilson, Sheila Rae Steele	Richmond	Frie, Gudrun Louise	Delta
Gordon, Leslie Anne	Langley	Pladson, Kathleen Vivienne	Langley	Bjerrisgaard, Linda Joan	Burnaby	Friesen, Dorothy Jane	Richmond
Grant, Maureen Margaret	Kamloops	Podovnikoff, Elaine Ethel	Grand Forks	Bockhold, Barbara Evelyn	North Vancouver	Froese, Marie Jean	Vancouver
Harris, Linda Rae	Squamish	Redfern, Gwynell Gladys	Golden	Boucher, Sylvia Patricia	100 Mile House	Fuss, Ulrike Mary	Aldergrove
Harrison, Graham Ronald	Manitoba	Reiner, Lillian Eva	Richmond	Brister, Catherine Marie	West Vancouver	Galanopoulos, Alexandra	Vancouver
Hayes, Jacquelyn Sandra	Vancouver	Rinaldi, Joanne Grace	Prince George	Bristow, Linda Jean	Vancouver	Ganton, Barry Richard	Vancouver
Hill, Diana Bowes	Vancouver	Robertson, Rosemary Irene	Burnaby	Brown, Cheryl Anne	Vancouver	Gardner, Donna Marie	Port Moody
Hill, Sylvia Pauline	Cranbrook	Roe, Elizabeth Ann	Delta	Burdenie, Margaret Anne	Alberta	Garrett, Robert Terry	New Westminster
Hoffert, Gerlinde Hermine Eckmann	Langley	Rongae, Elizabeth Anne	Vancouver	Burdon, Wendy Joy	Ganges	Gee, Margie	Vancouver
Holloway, Bette-Jane	North Vancouver	Rotta, Viola May	Burnaby	Burrowes, Laurel Gwendoline	Yukon Territory	Gibson, Nancy Victoria	Vancouver
Hopkins, Teresa Yvonne	D'Arcy	Rowles, Mary Caroline Louise	Kelowna	Byrd, Jan Elizabeth	Vancouver	Gilles, Michael Jay	Richmond
Hughes, Kolburn Michael	Vancouver	Samborski, Janet Elaine	Surrey	Cairns, Barbara Joan	Vancouver	Gilmore, Carol Marie	Pemberton
Hughes, Margaret Helen	North Vancouver	Schindelka, Jean Isabelle	Surrey	Calderwood, Charlotte Yvonne	Vancouver	Gook, Ivy Sophia	Prince George
Huseby, Josephine Stella	Surrey	Schupbach, Mildred Maria		Campbell, Anne Mary		Gornall, Eleanor Janet May	Vancouver
Jamieson, Dawn Cloeen	Armstrong	Camilla	Brentwood Bay	McLagan	North Vancouver	Grady, Thomas Albert	Vancouver
Jerome, Mary Stirling	Nanaimo	Shaw, Derek Victor	Terrace	Campbell, Carla Rae	Clearbrook	Grams, Helga Vera	Kelowna
Johnston, Mildred Violet	Maple Ridge	Smith, Deborah Anne	Victoria	Caros, Jennifer Susan	Maple Ridge	Greene, Louisa Danielle	Vancouver
Kereluk, Pauline Alberta	Burnaby	Smith, Mary Elspeth	Vancouver	Caston, Judith Lynn	Prince George	Gunn, Venée Marie	New Westminster
Kerr, Elaine Ellenora	Surrey	Stanbury, Moira	Burnaby	Chalmers, Marie Rosanna	Vancouver	Hall, Judy Louise	Vancouver
Koch, Betty	Squamish	Stephen, Dorothy Anne	White Rock	Chan, Bonita	Burnaby	Hamel, Edward Laurence Ernest	Vancouver
Loewen, Rose Mary	Prince George	Swetnam, Sharon Gertrude	Langley	Chin, Suzie	Vancouver	Haroldson, Wendy Irene	Hope
Lutes, Brenda Carol	Nanaimo	Thompson, Nona	Vancouver	Chow, Marla Elaine	Victoria	Harrison, Alan Richard	Coquitlam
Macdonald, Joyce Anne	Kamloops	Thomson, Kathryn Dianne	Vancouver	Ciambrelli, Linda	Burnaby	Herbert, Tina Maria	Vancouver
Magill, Colleen Gayle	Vancouver	Tournemille, Dennis Paul	Grand Forks	Clark, Heather Anne	Vancouver	Hibberd, Susan Carolyn	Maple Ridge
Mahden, Darleane	Vancouver	Vancoughnett, Bette Eileen	North Vancouver	Coffin, Steven Roy	Vancouver	Hollands, Elizabeth Janice	Duncan
Malmstrom, Roy Allan	100 Mile House	Elizabeth	Langley	Cooper, Adrienne Leslie	Duncan	Horner, Loraine	Prince George
Manders, Christina Cornelia Johanna	Port McNeill	Veitch, Lorna Mae	Richmond	Cosco, Teresa Concetta Ann	Kamloops	Hyland, Kathryn Joyce	North Vancouver
Mark, Jean Catherine	Sicamous	Warkentin, Cathy Lois	Nelson	Cunningham, Cheryl Colleen	Vancouver	Ilagan, Maria Melissa	West Vancouver
Marr, Karen Lynn	Salmon Arm	Wasylik, Dorothy Agnes	Powell River	Curl, Sharon Marleen	North Vancouver	Jaffary, Allison McBain	West Vancouver
Matheson, Donna Jean	Trail	Wasylik, Margaret June	Houston	Dale, Gary Nicholas	Richmond	Janicki, Barbara Anne	Campbell River
Matts, Lisa Ellen Jonina	Langley	Watt, Anne Marié	Surrey	Davidson, Jean Frances	Vancouver	Janot, Derek Manfred	Vancouver
McCullum, Jill Anne	Delta	Wayne, Joan Elaine	Richmond	de Groot, Lois I.	Kelowna	Janzen, Kathleen Ann	Burnaby
McKay, Isabelle Jean	Victoria	Webster, April Yvonne	Kelowna	Dean, Karen Judith	Surrey	Janzen, Lillian Ann	Kelowna

Jeffrey, Deborah Colleen	Prince Rupert	Palmer, John Simon	Vancouver	Tartini, Shari Marie	West Vancouver	Vyvyan, E. Moyra	Vernon
Joe, Gail Lin	Burnaby	Paone, Frances Wendy	Vancouver	Thistle-Rivers, Leonie Bernice	North Vancouver	Waller, Douglas William	Richmond
Johnson, Jean Louise	Burnaby	Paris, Margaret Grace	Vancouver	Thomas, Donna Andrea Diana	Vancouver	Walsoff, David James	North Vancouver
Kelm, Lori Helen	Richmond	Park, Helen Hae Young	Vancouver	Toth, Judith Piroaska	Vancouver	Webster, Patricia Margaret	Duncan
Kenny, Erin Eileen Mary	Vancouver	Parsons, Carol Lynn	Vancouver	Trojanoski, Donna Anne	Richmond	Weststrate, Carol Chelan	Chilliwack
Kim, Shannon	Burnaby	Pavao, Maria Clara	Vancouver	Tyrrell, Jeanne Marie Ciceri	Delta	White, Christine Louise	Delta
Kimmel, Lois Ellen	Valemount	Pedersen, Frances Jean	Vancouver	Tyson, Audrey Joan	Vancouver	Wickstrom, Heather Vale	North Vancouver
Knutson Shaw, Beverley Dawn	Vancouver	Picha, Jennifer Denise	Richmond	Uhrich, Diana Lynn	Ford St. James	Williams, Valerie Jane	Vancouver
Kripps, Gerald	Vancouver	Polomark, Constance	Pitt Meadows	Vandermeulen, Jacqueline	Huntingdon	Wilson, Cindy Lou	Abbotsford
Kristjanson, Teresa Eleanor	Vancouver	Polykandriotis, Anastasia	Vancouver	Vartina, Sylvia Helene	Vancouver	Wishlow, Teresa Gail	Vancouver
Laidman, Karen Kathleen	Vancouver	Poulin, Karen Anna Ethelwyn Reid	Delta	Veale, Nell Alice Miriam	Vancouver	Wolrige, Anne Kathleen	Vancouver
Lee, Steven Sze Yuan	Vancouver	Prosser, Raymond William	Vancouver	Vigna, Leanne Marguerite	Kamloops	Zanette, Linda	Port Alberni
Letson, Barbara Joan	Delta	Pulle, Yolanda Helen	Vancouver	Volpatti, Valerie Jean	Trail	Zink, Lorraine Annette	Burnaby
Lilley, Shawn Robyn	Surrey	Read, Jennifer Rose	Cobble Hill	Voss, Pamela	Powell River		
Lim, Janet	Vancouver	Read, Russell Lance	Vancouver				
Lowe, Carol Elaine	Vancouver	Reid, Jennifer Lynn	Vancouver				
Macbean, Eileen Muriel	Richmond	Reid, Shelley Elizabeth	Trail				
MacDonald, Lorna Jeanette	Vancouver	Reimer, Mark Edward	Vancouver				
Macdonald, Monica Anne	North Vancouver	Rencher, Patricia Leah	Vancouver				
MacKenzie, Brenda Katherine	Gibsons	Richards, Loretta May	Port McNeill				
MacLean, Lisa Marie	Port Alberni	Rogers, Sheilagh G.	Campbell River				
MacLeod, Mary Hendrickson	Prince George	Ross, Judith Marilyn	Alberta				
Marcuzzi, Kenneth Harry	Surrey	Rossi, Russell Louis	Maple Ridge				
Marr, Pamela Lillian	Burnaby	Rushton, Norma	Vancouver				
Marrone, Teresa	Vancouver	Sadler, Mary Jeanne Leontine	Powell River				
Marshall, Ailsa	Richmond	Salter, Gale Sandra	Vancouver				
Marshall, Alison Joyce	Winfield	Sandhu, Kinder	Vancouver				
Martin, Elizabeth Jane	Vancouver	Sandhu, Nina Jatinder	Surrey				
Martins, Fernanda Maria Rodrigues	Squamish	Scott, Patricia Lynn Gray	Delta				
Mason, Sheila Ruth	Burnaby	Sepp, Cindy Lee	Salmon Arm				
Matthews, Margaret Alisa	Vancouver	Shannon, Margaret Elizabeth	Vancouver				
McCardell, Judy Ann	Alberta	Sheehan, Patricia Lyall	Vancouver				
McLean, Joan Velma	Vancouver	Shelley, Tracey Lynn	Vancouver				
McMorland, Daye Kathleen	Surrey	Simard, Robyn Elizabeth	Kamloops				
McNeill, Kerry Ann	Richmond	Simmons, Lorraine Jo	Dease Lake				
McRae, Victoria Lillian Aileen	Burnaby	Skiffington, Eileen Frances	Richmond				
Miller, Annie Louise	Prince George	Smith, Gwen Beatrice	Fort St. John				
Millward, Eleanor Lee	Delta	Smith, Jane Canning	Vancouver				
Minosky, Lorraine Sylvia	Richmond	Sopel, Ann	Vancouver				
Mitchell, Ann Macinnes	Delta	Southard, Cynthia Leigh	Vancouver				
Mitchell, Frances Marion	Port Coquitlam	Stephens, Cynthia Ann Simmons	Langley				
Mular, Theresa Louise	Delta	Stevenson, Karen Margo	West Vancouver				
Nadeau, Myra Mary	Prince George	Stewart, Jennifer Mary	Alberta				
Nakagawa, Mariko Lorraine	Summerland	Stubbs, Lori-Ann	Richmond				
Neil, Sara Louise	Vancouver	Stuerle, Edward John	Kelowna				
Neufeld, Maria-Luise	Vancouver	Suderman, Linda Lee Nebozenko	Manitoba				
Niblock, Pamela Ruth	White Rock	Sutherland, Carol Eileen	North Vancouver				
Nikolaj, Linda Marie	Alberta	Swain, Catherine Margaret	Surrey				
Nocente, Paula Elizabeth	Burnaby	Symons, Tracey Lee	Richmond				
O'Neill, Vicci Elaine	North Vancouver	Tam, Joseph	Burnaby				

## THE DEGREE OF BACHELOR OF PHYSICAL EDUCATION

W. ROBERT MORFORD, DIRECTOR

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Brown, Alexandra Jane	Garibaldi Highlands	Marshall, Kenneth Ross	Vancouver
Dusdal, Reinhold Eric	Terrace	Ogden, Meryl Cecelia	Penticton
Hydamaka, Linda Louise	Surrey	Recknell, Amanda Clare	Ladysmith
Ishii, Russell Alan	North Vancouver	Toda, Richard Kiyoshi	Richmond
Jackson, Bruce Tonner Calvin	Vancouver		

*The following Candidates completed requirements for this Degree in the Spring, 1983*

Adrian, Odette Katherine	Vancouver	Eberlein, Vernon Edward	Burnaby
Aikman, Dianne Louise	Campbell River	Elder, Thaddeus Robert	Victoria
Alexander, Arleigh Ruth	West Vancouver	Esau, Susan May	Chilliwack
Allison, James Bruce	Richmond	Fennell, Kelly Dale	Surrey
Andermatt, Ruth Elizabeth	North Vancouver	Gamble, William John Michael	Burnaby
Apostoliuk, Scott Randall	Nelson	George, Patricia Anne	Vancouver
Bakker, Andrea Eleanor	Quebec	Gobbett, Brian William	Grand Forks
Bay, Tamara Lee	Trail	Hallam, Tracey	Burnaby
Beugelink, Julie Patricia	Burnaby	Hashimoto, Deanna Lori	Greenwood
Boyle, James Robert	Vancouver	Holloway, Susan Deborah	Ontario
Bryan, Victoria Anne	Surrey	Hudson, Mary Frances	West Vancouver
Bultitude, Cathy Anne	Vancouver	Iwanson, Russell Nicholas	North Vancouver
Campbell, Bruce Ian	Vernon	Jackson, Richard Laurence	Kelowna
Cassar Torreggiani, Kim Katherine	Kamloops	Jai, Robert Gordon	Vancouver
Clarke, James Bryan	Penticton	Jiwani, Karim	Vancouver
Cook, Frances Jane Anne	Alberta	Jones, Eric Rodney	Victoria
Craigen, Chad Ewart	Burnaby	Kay, Duncan	Richmond
Curtis, Charles Herbert	West Vancouver	Knappett, Katherine Elizabeth	Ladysmith
Doughty, John William	Richmond	Knight, Roberta Leslie	Vancouver
Drain, Terri Marguerite	North Vancouver	Kooistra, Stan	Abbotsford
Dunnett, Mhairi Elizabeth Patricia	Vancouver	Marks, Robert Matthew	Surrey

Matson, Kenneth Knud	Burnaby	Simard, Denise Sidney Anne	Vancouver
McDonald, Heather Anne	Delta	Singh, David S.	New Westminster
McLuckie, Sandra Lynn	Vancouver	Snowsell, Gayle Lynn	Kelowna
Moore, Terrie Ann	Vancouver	Strang, Robert Alexander	Surrey
Mustard, Jean Elizabeth	Alberta	Taffe, Carolyn Aleda	
Nelson, Eric Herbert	Lac la Hache	Louise	Vancouver
Ohashi, Ross Jiro	Vernon	Tasaka, Mark Yoshio	Richmond
Parker, David John	Vancouver	Thompson, Kathleen Susan	Vancouver
Patterson, Colleen Elizabeth	Nanaimo	Turner, Holly Evelyn	Vancouver
Popazivanov, Zoran	Richmond	Watts, Daniel Thomas	Vernon
Potts, James Edward	Abbotsford	West, Elizabeth Anne	Prince George
Pyde, Bernard Marvin	Prince Rupert	White, Bradley John	North Vancouver
Scali, Rita Nicodema	Vancouver	Williams, Milton Carl	Vancouver
Silvester, Patricia Dawn Elizabeth	Vernon		

### THE DEGREE OF BACHELOR OF RECREATION EDUCATION

W. ROBERT MORFORD, DIRECTOR

*The following Candidates completed requirements for this Degree in the Fall, 1982*

Bell, Mark Edward John	Vernon	Harling-Bleeks, Carolyn Anne	Quathiaski Cove
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*The following Candidates completed requirements for this Degree in the Spring, 1983*

Crone, Richard William, B.A. (Manitoba)	Vancouver	Lim, Derrick Ross	Richmond
Danderfer, Barry James	Vancouver	Malatestinic, Mira Joy	Burnaby
Fisher, Elizabeth Jane	Victoria	McRae, Catherine Diane	Burnaby
Gabiniewicz, Frank Piotr	Vancouver	Nazarchuk, Sandra Lee	Coquitlam
Gamage, Janet Elizabeth	Richmond	Nielsen, Birgitta	Vancouver
Holman, Irene Lynn	Vancouver	Pedersen, Marne Louise	Vancouver
Innes, Carolyn Frances	Vancouver	Quon, George	Vancouver
Irwin, Valerie Joan	North Vancouver	Read, Karen Anne	Delta
Jenkins, Jennifer Mary	Burnaby	Rennie, Catherine Ruth	Vancouver
Jensen, Charles L.	Port Alberni	Sauder, Catherine Isobel	Vancouver
Jung, Raymond Sue Wah	Vancouver	Silverman, Sandra	Vancouver
Lavery, Terry Mavir	Nanaimo	Smith, Michelle Louise	Port Coquitlam
Leahy, Marguerite	Vancouver	Swartz, Brian Irving	Vancouver
Lees, Nanette Vivian	West Vancouver	Vines, Donna Elaine	Vancouver
Liersch, Brenda Ann	Victoria	Young, Cynthia Darlene	Penticton

### THE DIPLOMA IN ADULT EDUCATION

*The following Candidates completed requirements for this Diploma in the Fall, 1982*

Davies, Elisa Alice	Sardis
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*The following Candidates completed requirements for this Diploma in the Spring, 1983*

Fekete, Hazel Marie	Yukon Territory
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### THE DIPLOMA IN COUNSELLING

*The following Candidates completed requirements for this Diploma in the Fall, 1982*

Goetz, Thomas Brian, B.A. (Calgary)	Prince George	Howden, Beverley Joan, B.G.S. (Simon Fraser)	Surrey
Houtman, Basil, B.A. (Brit. Col.)	Coquitlam		

*The following Candidates completed requirements for this Diploma in the Spring, 1983*

Haiyupis, Fidelia Mary, B.Ed. (Brit. Col.)	Ahousat	Lawson, Chester Medrick, B.Ed. (Saskatchewan)	Burnaby
Hintz, Hedie Dorothy, B.S.N. (Brit. Col.)	Vancouver		

### THE DIPLOMA IN ENGLISH EDUCATION

*The following Candidates completed requirements for this Diploma in the Fall, 1982*

Lasuta, Muriel Joyce, B.Ed. (Brit. Col.)	Burnaby	Rossi, Elsa Giovanna, B.Ed. (Brit. Col.)	Vancouver
Lightly, Mary Lorraine, B.A. (Simon Fraser)	Port Moody		

### THE DIPLOMA IN EDUCATION OF THE DEAF

*The following Candidates completed requirements for this Diploma in the Spring, 1983*

Belcher, Adrienne Ruth, B.Ed. (Brit. Col.)	Vancouver	Parks, Debra Dell, B.Ed. (Simon Fraser)	Prince George
Carey, Bradford Lee, B.A. (Alma Coll)	Manitoba	Parrott, Jane Elizabeth, B.Sc., B.Ed. (Dalhousie)	New Brunswick
Edwards, Diane Carol, B.Ed. (Saskatchewan)	Saskatchewan	Satchwell, Sandra Elizabeth, B.Sc. (Victoria)	Victoria
Johnson, Wendy-Lynn, B.Ed. (Brit. Col.)	Kelowna	Walton, Carol May, B.Ed. (Victoria)	Victoria
Joron, JoDee Anne, B.Ed. (McGill)	Quebec	Weir, Glyn Ian, B.Ed. (Brit. Col.)	Trail
Melnyk, Kathleen Patricia, B.Ed., B.Sc. (Winnipeg)	Manitoba		

### THE DIPLOMA IN EDUCATION OF THE MENTALLY RETARDED

*The following Candidates completed requirements for this Diploma in the Spring, 1983*

Adamson, Susan Georgette, B.A. (Simon Fraser)	Vancouver	McNamee, Donald Keith, B.Sc. (Manitoba)	Vancouver
Ferguson, Elaine Edna, B.A. (Brit. Col.)	Trail	O'Brien-Collins, Patricia Denise Marie, B.Sc. (Brit. Col.)	New Westminster
Kram, Kenneth Louis, B.A. (Winnipeg)	Surrey	Purdon, Penny Ann, B.A. (Simon Fraser)	Vancouver
Malone, Sharon Anne, B.A. (Simon Fraser)	Burnaby	Ringers, Carole Ann, B.A. (Brit. Col.)	Richmond
Marcus, Peter MacIntosh, B.A. (Guelph)	Ontario	Walsh, Debra Eleanor, B.A. (Winnipeg)	Vancouver

**THE DIPLOMA IN EDUCATION OF  
VISUALLY IMPAIRED CHILDREN**

*The following Candidates completed requirements for this Diploma in the Spring, 1983*

Bassett, Cheryl	Vancouver	Kolbowicz, Susan Kathy, B.Mus. (Brit. Col.)	Burnaby
Boehm, Richard George, B.A., B.Ed. (Saskatchewan)	Saskatchewan	Lang, Douglas Kenneth, B.Ed. (Brit. Col.)	Mission
Harris, Gerald David, B.A. (Stanford)	Vancouver	Taylor, Jeryl E., B.Mus. (Toronto)	Richmond
Kadavil, Jose Joseph, B.A. (Christ Coll); B.Theol. (Pontifical Atheneum)	Vancouver	Yakura, Carol Kayoko, B.Ed. (Brit. Col.)	Vancouver

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For further information please contact the University Development Office, The University of British Columbia, Cecil Green Park, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1W5.

Telephone 228-3313