Canadian Environmental Law Research Foundation

CIELAP Shelf:

Canadian Environmental Law Research Foundation Proposal for a study of Legislation and Industrial Waste

RN 27131

PROPOSAL FOR A STUDY OF LEGISLATION AND INDUSTRIAL WASTE

Submitted to the Ontario Waste Management Corporation by the Canadian Environmental Law Research Foundation

June 11, 1984

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INTRODUCTION

The Ontario Waste Management Corporation is charged with the mandate of designing, constructing and operating a province-wide system for the treatment and disposal of liquid industrial and hazardous waste. An essential part of that design process is projection of future quantities of special waste which the OWMC plant will be required to receive.

Dr. Donald Chant, in a speech delivered, September 9, 1982, stated the problem this way:

"We need all of this information if we are to make accurate judgments, involving millions of dollars in capital costs, on the size, type and location of OWMC facilities. And if we are to avoid mistakes made in Europe where some treatment and disposal facilities are as much as 50 per cent over-sized, we must ensure we have evaluated this information carefully. We cannot afford to make the same mistake."

To assist in developing this projection, the Corporation has planned or commenced a number of studies, co-ordinated by Dr. Peter Victor, which will examine different variables and the impacts they will have on waste quantities over the next twenty years. One important such variable is changes in legislation and enforcement which is the subject of the study proposed here.

For purposes of the study, legislation and enforcement are treated as two distinct subjects. Furthermore, a distinction is made between legislation directly applicable to existing waste fates (eg. municipal by-laws and enabling provincial legislation governing sewer discharges) and that which is likely to have an impact on waste quantities but which is not directly applicable to a particular waste fate (eg. an extension of the Environmental Assessment Act to the private sector).

In general terms, the conceptual approach proposed for the study can be summarized as follows:

- . work with OWMC staff and consultants to arrive at an agreed upon classification of waste fates and estimates of current quantities for each fate
- . identify all legislation governing waste management in Ontario and categorize by waste fate
- . identify likely changes in the above referenced legislation and any new legislation resulting from implementation of the Blueprint for Waste Management in Ontario
- . identify additional changes in legislation or new legislation which are likely to be implemented in Ontario as a result of legislative trends in other jurisdictions
- . identify likely changes in enforcement, both with respect to levels of activity and methods, and the impacts such changes will have upon quantities
- . provide a range of scenarios over the period of 1985 to 2005 incorporating all of the variables listed above
- . with assistance of OWMC staff and consultants, provide projections of waste quantities resulting from each scenario

Other government activity, not dependent upon new or amended legislation, may also affect waste quantities. One example would be a major government program, at either the federal or provincial level, to provide industry with information and financial assistance respecting reduction and recycling of industrial wastes. A study of such potential programs is referred to in the Work plan as an option, but is not included in the budget submitted with the proposal.

The study will be premised on the assumption that political commitment to effective waste management over the next twenty years will remain at least as strong as it is today.

It should be noted that any study of future legislative trends cannot hope to include changes resulting from a radical shift in the conceptual underpinnings of such legislation. That such changes are possible is evidenced by the 1972 and 1978 Great Lakes Water Quality Agreements. The 1972 Agreement was primarily concerned with nutrient pollution emanating from point sources. The 1978 Agreement not only shifted the focus from nutrients to toxics but, in addition, reflected a conceptual change which recognized the interrelatedness of air, land and water and, therefore, placed emphasis on non-point as well as point sources.

Staff and consultants of the Canadian Environmental Law Research Foundation would be pleased, if required, to present the study findings to the Hearing Panel on Industrial Waste Management. Since an additional budget would cover costs associated with that presentation, it is not referred to in this proposal.

We are convinced that the Ontario Waste Management Corporation has undertaken a task which is of vital importance to all citizens of Ontario. We very much hope that we will be given an opportunity to contribute to that important work.

OBJECTIVES

- 1. To provide the Ontario Waste Management Corporation with a comprehensive range of scenarios for changes in legislation and enforcement during the period 1985 to 2005 affecting quantities of liquid industrial and hazardous waste requiring treatment and disposal.
- 2. To provide a projection of the quantity of liquid industrial and hazardous waste associated with each scenario.

WORKPLAN

A. Workshops, June 13 and 15

- l. Prior to the workshops, determine classifications of waste fates used in all existing legislation.
- 2. With OWMC staff and consultants, arrive at agreed upon classifications of waste fates.
- 3. Decide upon method to be used to obtain information from OWMC staff and consultants with respect to quantities of wastes currently associated with each fate.
- 4. Develop a more detailed research workplan.

B. Research

I. Legislation

- a) Current
- 1. Review detailed workplan with Special Advisor.
- 2. Prepare tables showing all legislation directly applicable to waste fatesfederal, provincial and municipal - categorized by waste fate.
- 3. Prepare additional tables showing all other legislation which is germane but is not directed toward a specific waste fate.
- 4. Work with OWMC staff and consultants to assign quantities to each fate and, therefore, to each category of directly applicable legislation.
- 5. If possible, assign quantities to legislation which is not directly applicable.

b) Blueprint

- l. Review in detail the Blueprint and appendices and all submissions made to MOE respecting the Blueprint.
- 2. Review literature respecting current and future waste management in Ontario.
- 3. Interview elected and appointed officials of MOE, officials of OWMC and others as appropriate respecting future implementation of the Blueprint.
- 4. Develop timetable, showing range of scenarios for implementation of the Blueprint.

c) Other jurisdictions

- l. Review to the extent possible, literature on legislation in other jurisdictions, including other provinces, the United States and Europe.
- 2. Supplement that review with interviews with knowledgeable persons as is feasible.
- 3. Make an estimate expressed in a range of scenarios, of likely future changes in legislation which will result from application in Ontario of trends in other jurisdictions.

II. Enforcement

- 1. Review all literature on enforcement in Ontario.
- 2. Review all material available from CELRF respecting enforcement, in particular information on prosecutions compiled in connection with respect to a current study titled <u>Legal Mechanisms for Control of Toxic</u>

 Contamination in Ontario.
- Obtain information from MOE sufficient to allow preparation of a brief history of enforcement over the past decade - number of personnel,

funding, changes in methods, such as creation of the Special Investigative Unit and other such factors.

- 4. Conduct a series of interviews with MOE personnel respecting future trends in enforcement.
- 5. Develop a range of scenarios for changes in enforcement methods and levels of activity over the next 20 years.

C. Draft Report

- l. Integrate all of the above referenced research findings and develop scenarios for changes in legislation and enforcement.
- 2. With the assistance of OWMC staff and consultants assign waste quantities to each scenario.
- 3. Prepare draft report.
- 4. Review draft with Special Advisor.
- 5. Revise draft report as necessary and submit to OWMC on July 27.

D. Final Report

- l. Review draft report with OWMC staff and consultants.
- 2. Do any additional research which may be required.
- 3. Revise the report.
- 4. Review final draft with Special Advisory.
- 5. Submit final report to OWMC.

E. Optional

As referred to earlier, there may be value in an examination of government programs which will affect the waste quantities but which are not dependant upon new or amended legislation. If the Corporation is interested in exploring this option a separate proposal will be submitted.

STAFFING

The following is a list showing those involved with the study and their duties:

Special Advisor

Mr. Joe Castrilli, former Research Director, CELA and author of <u>Hazardous Waste Management in Canada: The Legal and Regulatory Response.</u>

Mr. Castrilli will assist in preparation of detailed research plans, be available for consultation during research and review draft reports before submission to OWMC. Time did not permit confirmation of his role with Mr. Castrilli but no problem is anticipated in that regard.

Project Manager

Mr. Doug Macdonald, Executive Director

Canadian Environmental Law Research Foundation

Mr. Macdonald will be responsible for co-ordinating all aspects of the program and for financial management.

Project Director

Ms. Marcia Valiante, Director of Research

Canadian Environmental Law Research Foundation

Ms. Valiante will be responsible for final approval of all research plans, co-ordination of research during the study and final drafting of all reports.

Researchers

Ms. Virginia Adamson, author of Breaking the Barriers:

A study of legislative and economic barriers to industrial waste reduction and recycling.

Ms. Adamson will be responsible for all research, interviews, and report drafting in two areas:

- i. legislative changes resulting from the Blueprint
- ii. legislative trends in other jurisdictions.

Ms. Adamson has been assigned these responsibilities because of her detailed knowledge of waste management in Ontario and other jurisdictions, most notably the United States.

Mr. Stephen Garrod, Barrister and Solicitor

Mr. Garrod will undertake all activities connected with the enforcement section of the study.

In doing so, Mr. Garrod will draw upon his previous research experience and practical experience representing clients with respect to a variety of waste management issues.

Mr. Paul Muldoon, Research Associate

Canadian Environmental Law Research Foundation

Mr. Muldoon will do all work connected with the current legislation, direct and indirect, section of the study.

Mr. Muldoon's research experience in environmental law makes him well suited for this task.

Curricula vitae for all of the above, with the exception of Mr. Castrilli, are provided as Appendix B.

PROJECT SCHEDULE

TASK	STAFF MEMBER	TIME
Review workplans advise as required review drafts.	Castrilli	4 days
Project management: l day a week, 8 weeks	Macdonald	8 days
Project direction: finalize workplans, co-ordinate research, review and finalize all drafts, attend meetings as required.	Waliante	l6 days
Current legislation, categorize by waste fate and assign quantities.	Muldoon	10 days
Review other legislation not directly applicable to a particular waste fate.	Muldoon	5 days
Review all documentation related to Blueprint conduct interviews, report on legislative changes flowing from Blueprint implementation, assign waste quantities.	Adamson	15 days
Review literature on other jurisdictions, report on legislative changes, assign quantities	Adamson	10 days
Assist in preparation of draft and final reports, attending meetings as required.	Adamson	l0 days

PROJECT SCHEDULE (ctd.)

TASK

STAFF MEMBER

TIME

Review all secondary material on enforcement, obtain information from MOE, interviews respecting future trends, project likely changes, assign quantities.

Garrod

15 days

TIMELINE

Attend workshops Review current, directly applicable legislation Review current, not directly applicable legislation Review Blueprint Review other jurisdictions Enforcement Study Draft Report Review with Advisor Submit draft to OWMC Review draft with OWMC, revise

Submit final report

July: June: August: 22 29 13/15 13 20 27

BUDGET

Salaries

Project Manager:	8 days, \$250 per diem	\$ 2,000
Project Director:	16 days, \$200 per diem	3,200
Researcher: (Adamson)	35 days, \$150 per diem	5,250
Researcher: (Garrod)	15 days, \$150 per diem	2,250
Researcher: (Muldoon)	15 days, \$100 per diem	1,500
Secretarial	10 days, \$80 per diem	800
		15,000
Honourarium Special Advisor		1,000
Other costs		
Copying		600
Telephone		250
		850
Administrative Overhead		1,000
TOTAL		\$17,850

APPENDIX A.

The Canadian Environmental Law Research Foundation

THE CANADIAN ENVIRONMENTAL LAW RESEARCH FOUNDATION

The Canadian Environmental Law Research Foundation is a registered charitable organization, founded in 1970. The Foundation shares office space and works in close partnership with its sister organization, the Canadian Environmental Law Association.

The primary focus of the Foundation's research activities is the threat posed by toxic chemicals in our society. The Foundation carries out research in the environmental law and policy areas related to this and other issues and disseminates the products of that research by means of its publishing and conference programs.

The Foundation's best known publication is Environment on Trial (C.E.L.R., 1978), a comprehensive guide to Ontario environmental law. Others include Poisons in Public (Lorimer, 1980), Acid Rain: The North American Forecast (Anansi, 1980), Environmental Rights in Canada (Butterworths, 1981), and, most recently, Canadian Occupational Health and Safety Law Handbook (CCH, 1983). The Foundation is also publisher of the Canadian Environmental Law Reports, the only environmental law reporter in Canada.

In April, 1984, the Foundation published jointly with the Pollution Probe

Foundation <u>Breaking the Barriers</u> which is a study of select action which might
be taken by governments at all levels to facilitate increased recycling and reduction
of industrial waste.

The Foundation is currently working jointly with the Environmental Law Institute of Washington D.C., on a study of legal reforms required in Canada and

the United States to better control the long range transport of toxics and oxidants.

The Foundation is also engaged in a study of legal mechanisms for controlling toxic chemical contamination in Ontario and is presently in the opening stages of a major study of cross-border intervention, both with respect to court actions and participation in administrative hearings, in transboundary pollution cases.

The Foundation has recently initiated a short study of the implications for environmental protection of entrenchment of property rights in the Canadian Charter. Work has now commenced on a study of the environmental assessment process in Ontario. The Foundation is also engaged in a major study of legal reforms required to facilitate citizen intervention across the Canada - U.S. border in transboundary pollution cases.

Other projects still in the planning stages include production of a regular radio series on environmental issues, to be done jointly with the Federation of Ontario Naturalists, and the publication of a revised and updated version of Environment on Trial.

Each year the Foundation plays host to a major conference on a particular aspect of environmental regulation in Canada. The subject of the 1983 conference was "Hazardous Substances and the Right to Know". This was a one-day discussion of the tension between growing pressures between access to information with respect to the chemical composition of hazardous substances and the desire on the part of industry to maintain the confidentiality of proprietary information.

Two such conferences will be held in 1984. In September the Foundation will present a discussion of the regulation of biotechnology and in November will host a conference on the environmental implications of Canadian aid to overseas development projects.

In March, 1984, the Foundation held a one-day seminar titled <u>Uncertain</u>

<u>Science in Law and Regulation.</u> This provided an opportunity for discussion amongst scientists lawyers and policy-makers of the problems inherent in using complex and uncertain scientific information respecting toxic substances in the regulatory and legal processes.

APPENDIX B.

Curricula Vitae

Project Manager - Doug Macdonald

Project Director - Marcia Valiante

Researcher - Virginia Adamson

Researcher - Stephen Garrod

Researcher - Paul Muldoon

DOUGLAS CHARLES MACDONALD

Born:

June 23, 1947

100 Bain Ave., #8 The Lindens, Toronto, Ontario

Office:

366-9717

Home:

465-1231

WORK EXPERIENCE

Oct. 1982 - present:

Executive Director

Canadian Environmental Law Research

Foundation

Sept. 1980 - Oct. 1982:

Special Assistant to Mayor Lastman

Mayor of the City of North York

Oct. 1978 - Oct. 1980:

Secretary

The Agora Foundation

July 1976 - July 1977:

Executive Assistant to Mayor Lastman

May 1974 - June 1976:

Research Assistant to Mayor Lastman

EDUCATION

M.A., Canadian History, University of Toronto

Completed first year of Phd. program, Canadian History, U. of T.

VOLUNTEER EXPERIENCE

- three terms a member of the Board of Directors of the Bain Apartments Co-operative, a 260 unit housing co-operative
- . member of the Bain Co-op Refinancing Committee
- . member Board of Directors and Board of Governors, Canadian Coalition on Acid Rain
- . Secretary, Board of Directors, Canadian Environmental Law Association

PUBLICATIONS

- . AGORA, the newsletter of the Agora Foundation: No. 1, Vols. I IV
- . "Shutdowns"; Perception Magazine, periodical of the Canadian Council on Social Development, Jan./Feb., 1981

(discussion of the impact of plant closures in Ontario)

. "Where Does the Buck Stop?" Policy Options, periodical of the Institute for Research on Public Policy, Nov./Dec., 1981

(examination of hazardous waste disposal in Ontario)

. "Out from Under"; Quest Magazine, November, 1982

(proposal for reforming local government in Metropolitan Toronto)

- Radio program on quality of Toronto drinking water; to be broadcast by CJRT-FM, fall, 1984
- . Managing Editor, Canadian Environmental Law Reports

CURRICULUM VITAE

VIRGINIA F. ADAMSON

ADDRESS: 307A

307A Melita Avenue

Toronto, Ontario

M6G 3X9

PHONE: (416) 537-9391 - home

DATE OF BIRTH: March 16, 1956

EDUCATION

Bar Admission Course
(Please refer to Appendi

1982 to 1983

Call to the Ontario Bar, April 6, 1983

(Please refer to Appendix

for list of courses completed)

Osgoode Hall Law School

York University
Downsview, Ontario

1977 to 1980

L.L.B.

(please refer to Appendix

for list of courses completed)

University of Ottawa

Ottawa, Ontario

1974 to 1977

B.A. (General)

Glebe Collegiate Institute

Ottawa, Ontario

1971 to 1974

Grade 12 Honours

EMPLOYMENT HISTORY

Pollution Probe/Canadian Environmental Law Research Foundation

November 1983 to April 1984

Contract position

Preparation of major policy paper identifying barriers to waste reduction and recycling in the industrial sector and making recommendations for Environment Canada

Development of liaison with field experts and representatives

Substantial experience identifying issues, interviewing, research and writing

Development of analytical skills that account for both the short and long term ramifications of different approaches to an issue

Record keeping and organizational skills

Freelance

May 1983 to November 1983

Research and casework

Canadian Environmental Law Association (CELA)

February 1981 to June 1982

Expertise in environmental and occupational health issues

Preparation for and assistance at hearings before Ontario Municipal Board, Environmental Assessment Board, Provincial Court, Supreme Court of Ontario

Law reform and presentation of educationals – e.g. preparation of briefs and organizing media contacts to support amendments to $\underline{\text{Nuclear}}$ Liability Act

Management of caseload, record keeping, case preparation

Development of interviewing skills

Research primarily in areas of civil procedure, criminal and administrative law

Preparation of briefs and memorandums of law

Provision of summary assistance and information

Supervision of summer students and office staff

Representative to environmental and legal associations

Canadian Law Information Council

July 1980 to November 1980

Developed skills in legal analysis indexing statutes for national law bibliography

Parkdale Community Legal Services

May 1979 to December 1979

Management of caseload in landlord/tenant, criminal, immigration and consumer law and appearance before courts and administrative tribunals on these matters

Experience in community organizing

Basic skills in interviewing, research, advocacy and problem solving

Department of Justice - Experience '78 Program

June 1978 to August 1978

Preparation of brief on problems of accessibility of income tax information for elderly people

Canadian Forces - Reserves

May to August 1975 to 1977 (summer full-time) September to May 1975 to 1977 (part-time during academic year)

Training as Private, Second Lieutenant and Lieutenant

Organizational and clerical skills

Training in logistics and administration

LANGUAGES

Speak and read French
Working knowledge of Spanish

PROFESSIONAL ASSOCIATIONS

Canadian Environmental Law Association: member of Board of Directors

Toronto Area Caucus of Women and the Law: member

References available upon request

CURRICULUM VITAE

PERSONAL INFORMATION:

Name:

Stephen Russell Garrod

Address:

P.O. Box 1505

62 Yarmouth Street,

Guelph, Ontario

NIM 6N9

Telephone:

(519) 837-0500

Date of Birth:

April 28, 1952

EMPLOYMENT:

January 1983 to Present: Sole practicioner

March 1980 to Dec. 1983: Associate lawyer with David Estrin (Eden Mills, Ontario)

May 1978 to June 1979:

Articling student to David Estrin (Eden Mills, Ontario)

Summer 1977:

Research assistant to David Estrin

Summer 1974:

Stockman at Long Manufacturing Ltd., (Oakville, Ontario)

Summer 1973:

Assembly line worker, Ford Motor Co. (Oakville, Ontario)

Summer 1970, 1971, 1972: Driver/helper, Javelin Moving & Storage Co. (Oakville, Ontario)

PROFESSIONAL EXPERIENCE:

Practice restricted to Environmental & Municipal Planning Law

Practice, both with David Estrin and as a sole practicioner, has been restricted to environmental and municipal planning law. A large number of cases have dealt with some aspect of waste management. Two particular cases are worthy of note. I organized conducted and presented the opposition of a ratepayers group and a naturalists club before the Ontario Municipal Board in an eight-day hearing to determine the future of a unique parcel of woodland near London, Ontario. On another occasion I had sole responsibility throughout a three-month Environmental Assessment Board hearing for the carriage of a case presented on behalf of a citizens group in Ajax, Ontario in opposition to a proposal by the Region of Durham and the Ministry of the Environment to convert a redundant sewage treatment plant into a facility for treating liquid industrial wastes.

TEACHING EXPERIENCE:

May - June 1974: Supply Teacher, Blakelock Secondary School, Oakville,

Ontario

Fall 1975: Tutorial Assistant, Geography Department, York University

Fall 1978: Assistant, Joint L.L.B/M.E.S. Seminar, Faculty of Environmental

Studies, York University

Fall 1978/Spring 1979: Tutorial Assistant, E.S. 401 - Environmental Law, Man/

Environment Department, University of Waterloo

Fall 1978: Instructor, Legal Research Seminar, Man/Environment Department,

University of Waterloo

Spring 1979. Adjunct Lecturer, Introduction to Environmental & Planning

Law, Man/Environment Department, University of Waterloo

Winter/Spring 1981: Adjunct Lecturer, Introduction to Environmental and Planning

Law, Man/Environment Department, University of Waterloo.

Winter/Spring 1982: Adjunct Lecturer, Introduction to Environmental and Planning

Law, Man/Environment Department. University of Waterloo.

Winter/Spring 1983: Adjunct Lecturer: E.S. 201 - Introduction to Environmental

and Planning Law and E.S. 402 - Planning Law, Man/Environment

Department, University of Waterloo

Winter/Spring 1984 Adjunct Lecturer: E.S. 201 - Introduction to Environmental

and Planning Law and E.S. 402 - Planning Law, Man/Environment

Department, University of Waterloo.

EDUCATION:

MacMaster University

(1970 - 1974):

Honours Degree obtained in Urban-Economic Geography

(1974)

Minor areas of concentration: Mathematics, Chemistry

York University

(1974-1978): Osgoode Hall Law School, L.L.B. (May 1978)

Graduate Faculty of Environmental Studies, M.E.S.

(August 1978)

First Graduate of Combined Program of Law/

Environmental Studies

Osgoode Hall

(1979 - 1980): Law Society of Upper Canada Bar Admission Course

Admitted to Ontario Bar as Barrister and Solicitor,

June, 1980

ACADEMIC AWARDS:

Ontario Scholarship (1970)

McMaster University Entrance Scholarship (1970)

Dean's Honour List (1974)

RESEARCH PAPERS:

Garrod, S.R., "The Joint L.L.B./M.E.S. Program at York University -

an evaluation by one who has done it". Published by the Faculty of Environmental Studies, York University, 1978.

Garrod, S.R., "Final Synthesis Paper: Environmental Law". Published

by the Faculty of Environmental Studies, York University,

1978.

Estrin, D. and

Garrod, S.R.: "Acid Precipitation: An Evaluation of Canadian and U.S.

Environmental Laws and Recommendations for Regulatory Alternatives", for the Canadian Environmental Law Research

Foundation, May, 1981.

"Transboundary Toxics and Oxidant Air Pollution", a study in progress, being done for the Canadian Environmental Law Research Foundation

CURRICULUM VITAE

NAME:

Paul Robert M. Muldoon, Hons. B.A., LL.B., M.A. LL.M.

DATE OF BIRTH:

May, 1956

MARITAL STATUS:

Single

EMPLOYMENT:

April 1984 to Present:

Research Associate

Canadian Environmental Law Research Foundation

1983

(Fall Term)

Lecturer for course in Environmental Law at McGill

University, Montreal, Quebec.

1981-1982

Articling Student with law firm of Agro, Zaffiro, Parente,

Orzel, Hubar & Baker in Hamilton, Ontario

Duties included:

. research and drafting memos of law and pleadings

. preparation of cases for trial and assisting senior

members of the firm during the trial

. handling own files in summary conviction offences, family law matters, administrative tribunals and small

claims court

1981

Research Assistant - Parliament Hill

Employed on a contractual basis to do research for Members of Parliament in Ottawa. The research was directed to study the social, economic and legal implications of proposed legislation. The committees which I was involved with were:

- . Special Committee on the Disabled and Handicapped
- . Sub-Committee on the International Year of the Child
- . Standing Committee on National Resources and Public Works
- . Standing Committee National Health and Welfare

Summer Positions

1980

Employed by the Judicial District of Hamilton-Wentworth, Provincial Court (Criminal Division) in the capacity of

relief clerk as well as other various administative duties.

1979

Employed by the Public Relations Department of the Hamilton

Harbour Commission

1978

Project Manager, "Hamilton Awareness Project"

Hamilton Harbour Commission

1977

Project Manager, "Arts '77" Hamilton and Region Arts

Council

EDUCATION:

Bar Admission Course

Law Society of Upper Canada (Ottawa) 1983 - 1984

Called to the Bar of Ontario on April 10, 1984

McGill University (Institute of Comparative Law) 1984

LL.M. (Masters of Law)

Specializations: Environmental and International Law

McMaster University Degree awarded in 1983

M.A. (Political Science)

Thesis: "The International Joint Commission and Point Roberts: A Venture into a New Area of Concern"

University of Ottawa 1978 - 1981 LL.B., Faculty of Law

1979 - 1981:

- . Member of the University of Ottawa Student Legal Aid Society
- . Co-Editor of the Law School newspaper, Caveat

February, 1979:

. Selected to represent the University of Ottawa Faculty of Law in the Jessup Cup Moot Court Competition in Fredericton, New Brunswick

Wilfrid Laurier University 1974 - 1978

Honours B.A. (Political Science)

Awards:

- . Wilfrid Laurier University "Gold Medal" for Academic Achievement
- . Wilfrid Laurier University Proficiency Scholarship 1974 1977

ACADEMIC ACTIVITIES

1977 - 1978 Employed as Research Assistant to aid in the preparation of a number of articles published by or for the Department of Political Science.

Co-founder of Wilfrid Laurier University Political Science Association. This Association had an active membership of 170 students and was responsible for academic and social activities.

1976 - 1978 Appointed as Teaching Assistant for a second-year course.

Member of Senate Executive Committee Chairman of the Student Caucus

- 1975 1977 Member of Wilfrid Laurier University Senate Student Representative
- 1974 1978 Member of Political Science Council Student Representative

STUDENT GOVERNMENT

1976 - 1977

Vice-President of Wilfrid Laurier University Students' Union Incorporated. This is an elected position with responsibilities for management of all office staff and business matters concerning the Corporation as well as all related legal matters.

The Vice-President was the Chairperson of:

- . The Bylaw and Regulations Committee . The Board of Directors
- . Various Ad Hoc committees

The Corporation was responsible for all student-sponsored activities and appointments to all university administrative committees.