

Gordon Ewing, PhD

Retired Chair, Dept of Geography
McGill University, Montreal
Email: gordon.ewing@regionomics.com
Updated November 2008

EDUCATION

- 1971 PhD (Geography), McMaster University, 1971. Thesis: The scaling of consumer space preferences using the method of paired comparisons.
- 1968 MA (Geography), McMaster University, Hamilton, Ontario. Thesis: A test to assess the significance of differing space preference in consumer spatial choice behaviour.
- 1966 M.A. (Hons, 1st class), Regional and Systematic Geography, University of Glasgow, Scotland

AWARDS

- 1966 Medal, Royal Scottish Geographical Society, first in graduating honours geography class, University of Glasgow

RESEARCH FIELDS Behavioural geography, discrete choice modelling, travel demand analysis in transportation and tourism

EMPLOYMENT

- 2007-present Senior consultant: Regionomics Inc.
- 2002-2006 Chair, Dept of Geography, McGill University, Montreal
- 1999 Acting Chair
- 1979-2006 Associate Professor
- 1971-79 Assistant Professor

OFFICIAL POSITIONS IN LEARNED SOCIETIES

- Member, Transportation Geography Committee, Association of American Geographers (1978-80)
- Member, Recreation and Tourism Geography Committee, Association of American Geographers (1983-85)

PROFESSIONAL SERVICES

- Associate editor Journal of Leisure Research (1985-1988)
Tourism Analysis (1996-2006)
- Member, Editorial Board Cahiers de Géographie de Québec (2001-2006)

Refereeing and Reviewing Activities

Periodic referee of articles for:

Annals of the Association of American Geographers, Annals of Tourism Research, Cahiers de Géographie de Québec, Canadian Geographer, Canadian Journal of Regional Science, Economic Geography, Environmental Impact Assessment Review, Environmental Management, Environment and Planning A, Geographical Analysis, Journal of Leisure Research, Leisure Sciences, Plan Canada, Professional Geographer, Transportation Research D: Transport and Environment, Urban Geography.

Periodic reviewer of research proposals submitted to:

Social Science and Humanities Research Council of Canada, Fonds pour la Formation de Chercheurs et l'Aide à la Recherche (Québec), National Science Foundation (Geography and Regional Science Division), Washington, D.C., Australian Research Council.

Tenure and promotion referee: Dept. of Geography, University of Wisconsin - Milwaukee

Promotion to full professor referee: Dept of Leisure Studies, University of Illinois

External Examiner (PhD theses): Dept. of Geography, McMaster University; Dept. of Epidemiology and Biostatistics and Dept. of Agricultural Economics, McGill University.

Consulting

Consulting Editor to Parks Canada, *Canadian Outdoor Recreation Demand Study*, Volume 2, Technical Notes 3, 18, 27, 29, 30, 34 (1974-75)

Research Associate, Tourism and Recreation Research Unit, University of Edinburgh (1976-77)

Compusearch Market and Social Research Ltd., Toronto (1979-88)

McGill University-Air Canada Professional Aviation Management course (1982-86)

Office de Planification et Développement du Québec, Gouvernement du Québec on transport policy for the Côte-Nord region (1983)

Chair, Advisory Board, Institute for Market and Social Analysis, Toronto (1987-89)

International Aviation Management Training Institute, Montreal (1987-1992)

Regionomics, Toronto (2007-present)

PUBLICATIONS

a) Refereed Books and Journals

1. Ewing, G. (1972) PCPA: A Program to Analyse Paired Comparison Preference Data, *Behavioral Science*, 17, 489-90.
2. Ewing, G. (1974) Gravity and Linear Regression Models of Spatial Interaction: a Cautionary Note, *Economic Geography*, 50, 83-8.
3. Ewing, G. (1974) Multidimensional Scaling and Time-Space Maps, *Canadian Geographer*, 18, 161-7.
4. Ewing, G. (1976) Environmental and Spatial Preferences of Interstate Migrants in the U.S.A., in R.G. Golledge and G. Rushton (eds.), *Spatial Choice and Spatial Behavior: Geographic Essays on the Analysis of Preferences and Perceptions*, Ohio State University Press, Columbus, 249-70.
5. Ewing, G. & R. Wolfe (1977) Surface Feature Interpolation on Two-Dimensional Time-Space Maps, *Environment and Planning A*, 9, 429-37.
6. Ewing, G. (1978) The Interpretation and Estimation of Parameters in Constrained and Unconstrained Trip Distribution Models, *Economic Geography*, 54, 264-73.
7. Ewing, G. & T. Kulka (1979) Revealed and Stated Preference Analysis of Ski Resort Attractiveness, *Leisure Sciences*, 2, 249-75.
8. Baxter, M.J. & G. Ewing (1979) Calibration of Production Constrained Trip Distribution Models and the Effect of Intervening Opportunities, *Journal of Regional Science*, 19, 319-30.
9. Ewing, G. (1980) Progress and Problems in the Development of Recreational Trip Generation and Trip Distribution Models, *Leisure Sciences*, 3, 1-24.
10. Ewing, G. (1981) On the Sensitivity of Conclusions about the Bases of Cognitive Distance, *Professional Geographer*, 33, 311-14.
11. Baxter, M. J. & G. Ewing (1981) Models of Recreational Trip Distribution, *Regional Studies*, 15, 327-44.
12. Ewing, G. & M.J. Baxter (1981) Recreational Day Trips in East-Central Scotland, *Scottish*

Geographical Magazine, 97, 147-57.

13. Ewing, G. (1982) Modelling Recreation Trip Patterns - Evidence and Problems, *Ontario Geography*, 17, 1982, 29-56.
14. Ewing, G. (1983) Forecasting Recreation Trip Distribution Behavior, in Fesenmaier, D. and Lieber, S. (eds.), *Recreation Planning and Management*, New York: Venture Press, 120-40.
15. Ewing, G. (1986) Spatial Pattern in Distance Deterrence Parameters and Fotheringham's Theory of Competing Destinations, *Environment and Planning A*, 18, 547-51.
16. Ewing, G. & M.J. Baxter (1986) A Framework for the Exploratory Development of Trip Distribution Models: a Recreation Travel Example, *Journal of Leisure Research*, 18, 320-36.
17. Ewing, G. & W. Haider (1990) A Model of Tourist Choices of Hypothetical Caribbean Destinations, *Leisure Sciences*, 12, 33-47.
18. Ewing, G. (1992) The Bases of Differences between American and Canadian Cities, *Canadian Geographer*, 36, 266-79.
19. Carlier, A. & Ewing, G. (1992) Longitudinal Analysis of Contingency Tables with application to demographic data, *Computational Statistics*, 7, 329-53.
20. Ewing, G. (1998) The Impacts of Technology on Vehicle Emission and Congestion Reduction, *Energy Studies Review*, 8 (3), 279-84.
21. Ewing, G. & E. Sarigollu (1999) Car Fuel-Type Choice under Travel Demand Management and Economic Incentives, *Transportation Research D: Transport and Environment*, 3(6), 429-44.
22. Ewing, G. & W. Haider (1999) Estimating what affects tourist destination choice, in *Consumer Behavior in Travel and Tourism*, A. Pizam and Y. Mansfeld (eds). Haworth Press, Binghampton, N.Y., pp. 35-58.
23. Milne, S. & G. Ewing (1999) Cuba, *Encyclopaedia of Tourism*, J. Jafari (ed.), Routledge, London pp.125-6.
24. Ewing, G. & E. Sarigollu (2000) Assessing consumer preferences for clean-fuel vehicles: a discrete choice experiment, *Journal of Public Policy and Marketing*, 19(1), 106-18.
25. Ewing, G. (2001) Altruistic, egoistic and normative effects on curbside recycling, *Environment and Behavior*, 33, 733-64.
26. Milne, S. & G. Ewing (2004) Community participation in Caribbean tourism: problems and prospects, in *Tourism in the Caribbean: trends, development, prospects*, D. T. Duval (ed.) Routledge, London, 205-217.
27. Patterson, Z., G. Ewing and M. Haider (2005) A gender-based analysis of work trip mode choice of suburban Montreal commuters using stated preference data, *Transportation Research Record: Journal of the Transportation Research Board*, no. 1924, Management and Public Policy, pp 85-93.
28. Patterson, Z., G. Ewing and M. Haider (2007) Shipper preferences suggest strong mistrust of rail: results from stated preference carrier choice survey for Quebec City–Windsor Corridor in Canada, *Transportation Research Record, Journal of the Transportation Research Board*, No. 2008, 67-74.
29. Patterson, Z., G. Ewing and M. Haider (2008) The potential for premium-intermodal services to reduce freight CO2 emissions in the Quebec City–Windsor Corridor, *Transportation Research Part D, Transport and Environment* 13, 1–9.
30. Patterson, Z., G. Ewing and M. Haider (forthcoming) How different is carrier choice for third-party logistics companies? A mixed-logit approach, *Transportation Research Part E, Logistics and Transportation* (accepted subject to minor revisions).

b) For submission to refereed journals

31. Haider, M., Z. Patterson & G. Ewing. Do logistics managers in Quebec differ in risk perception from those in Ontario? A cross-cultural study. To *International Journal of Physical Distribution & Logistics Management*.

c) Refereed Conference Proceedings

32. Dragicevic, S., J. Lewis, G. Ewing & T. Meredith. Environmental Data Exploration: the Web GIS Approach, *Proceedings, GIS 2000*, Toronto, March 13-16, 2000.
33. Dragicevic, S., G. Ewing & J. Lewis, GIS on the Internet: a Prototype Tool for Visualisation and Accessing Geo-referenced Data, *Proceedings, Geomatics 2000*, Montreal, March 8-10, 2000.
34. Patterson, Z., M. Haider & G. Ewing. Did September 11 affect freight mode split in the Quebec - New York Corridor? *Proceedings, 84th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2005a. Reference Number 05-2033.
35. Patterson, Z., G. Ewing & M. Haider. A gender-based analysis of work-trip mode choice of suburban Montreal commuters using stated preference data. *Proceedings, 84th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2005b.
36. Patterson, Z., M. Haider & G. Ewing. Developing a conceptual framework for the integration of urban with international freight transportation models. *Proceedings, National Urban Freight Conference*, Long Beach, CA, February 2006.
37. Patterson, Z., G. Ewing & M. Haider. Transport de marchandise: En quoi les choix des fournisseurs de logistique de tierce partie diffèrent-t-ils de ceux d'autres expéditeurs? Enquête sur le corridor Québec – Windsor. *74ième Congrès de l'Association francophone pour le savoir faire*, Montréal, 17-19 May 2006.
38. Patterson, Z., G. Ewing & M. Haider. The first carrier choice survey for the Quebec City – Windsor Corridor: Shipper preferences suggest uphill battle for increasing rail freight market share. *Conference of the Canadian Transportation Research Forum*, 28-31 May 2006, Quebec City.
39. Patterson, Z., G. Ewing & M. Haider. The first carrier choice survey for the Quebec City – Windsor Corridor: Shipper preferences suggest uphill battle for increasing rail freight market share. *Swiss Transportation Research Conference*, Monte Verità, Ascona, March 15-17, 2006.
40. Patterson, Z., G. Ewing & M. Haider. Shipper mistrust of rail use: First stated-preference carrier choice survey for Quebec City-Windsor Corridor. *Proceedings, 86th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2007. Reference Number: 07-0614.
41. Patterson, Z., G. Ewing & M. Haider. The potential for premium-intermodal services to reduce freight carbon dioxide emissions in the Quebec City - Windsor Corridor: A stated preference application. *Proceedings, 86th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2007. Reference Number: 07-0891.
42. Patterson, Z., G. Ewing & M. Haider. Is carrier choice different for 3PLs and other end-shippers? Some preliminary findings. *Proceedings, 42nd Canadian Transportation Research Forum*, Winnipeg, Canada, June 2007, pp. 343–356.
43. Haider, M., Z. Patterson & G. Ewing. Do logistics managers in Quebec differ in risk perception from those in Ontario? A cross-cultural study. *Proceedings, 42nd Canadian Transportation Research Forum*, Winnipeg, Canada, June 2007, pp. 219–233.

d) Other Publications

44. Ewing, G. (1973) PCPA: A Statistical Comparison of Paired Comparison Preference Matrices, in G. Rushton, M. Goodchild & L. Ostresh (eds.), *Computer Programs for Location - Allocation Problems*, University of Iowa, Department of Geography, Monograph, 6, 281-318.
45. Ewing, G., G. Rushton & S. Lieber (1974) *Working Bibliography on Scaling Methods Appropriate for Analysis of Space Preferences*, Council of Planning Librarians, Exchange Bibliography, 514, 40 pp.
46. Ewing, G. (1976) Review of Chapter II: Destination Models, in *Canadian Outdoor Recreation Demand Study Analysis*, Volume 2, Technical Notes, Federal-Provincial Parks Conference 1976. Waterloo: Ontario Research Council on Leisure, pp. 156-67.

47. Ewing, G. (1976) Review of Chapter III: Attractiveness Analysis, *ibid.*, 229-35.
48. Ewing, G. (1976) Review of Chapter V: Supply Analysis, *ibid.*, 379-82.
49. Ewing, G., J. Beaman, S. Smith & H.K. Cheung (1976) A Work Plan for the Development of a Mathematical Model to Predict and Explain Overnight Use of Parks, in *Canadian Outdoor Recreation Demand Study*, 2, 87-98.
50. Ewing, G. & J.H.C. Ross (1976) Potential Functions in Evaluating the Need for Recreation Facilities, in *Canadian Outdoor Recreation Demand Study Analysis*, Volume 2, 654-62.
51. Baxter, M. J. & G. Ewing (1980) *Models of Recreational Travel*, Tourism and Recreation Research Unit Report, No. 33, University of Edinburgh, 86 pp.
52. Ewing, G. (1983) *Case Study Mbosaria: A Scenario for Airline, Airport and Aviation Authority Planning*, McGill University/Air Canada Professional Aviation Management Course.
53. Ewing, G. (1984) *Transport du Personnel en Provenance et a Destination des Sites Miniers de la Cote Nord*, report to the Office de Planification et de Développement du Québec, 58 pp.
54. Ewing, G. (1987) *Air Mercury: an airline management scenario*, Montreal: International Aviation Management Training Institute, 80 pp.
55. Ewing, G. (1992) *Stratair User's Guide*, Montreal: Avsim, 74pp.
56. Ewing, G. (1992) *Strategic Airline Planning: The RegionAir Case Study*, Montreal: International Aviation Management Training Institute, 86 pp.
57. Wilkinson, P.F. & G. Ewing (1999) Towards a more sustainable and competitive Caribbean tourism sector. *Trends for a common future series*, General Secretariat, Organization of American States. Washington, DC: Inter-American Council for Integral Development, 31pp.
58. Patterson, Z., G. Ewing & M. Haider (2007) Carrier choice quantified: Cutting-edge shipper study quantifies how price, reliability and risk influence carrier selection in the Quebec City – Windsor Corridor. *Motor Truck*, Mar/Apr, 76 (2), 30-31.

e) Software

59. Ewing, G., Z-P. Qiu and W. Ding (1992) *Stratair: a strategic airline planning model*. Montreal: Avsim.

f) Research Reports

60. Baxter, M. J. & G. Ewing (1977) A Model for Recreation Traffic. *Final Report of Social Science Research Council (UK), Project HR3360, Tourism and Recreation Research Unit, University of Edinburgh*.
61. Ewing, G. & M.J. Baxter (1981) An Evaluation of Alternative Recreation Trip Distribution Models. *Final report to SSHRCC*, grant number 410-79-0107, 31 pp.
62. Ewing, G. (1996) The Role of User Charges in Reducing Automobile Air Pollution in Canada. *Final Report to Environment Canada (Economic Instruments Initiative - University Research Program)*, 115 pp.
63. Ewing, G., M. Haider & Z. Patterson (2006) Decreasing GHG emissions through the use of premium “trailer on freight car” services in the Quebec City - Windsor Corridor: A shipper’s perspective using stated preference techniques. *Final Report to Transport Canada (Transportation Planning and Modal Integration Initiatives Program)*

g) Reviews

64. D. Amadeo & R.G. Golledge, *An Introduction to Scientific Reasoning in Geography*, New York: Wiley, 1975, xvi and 431 pp., in *Canadian Geographer*, 20, 1976.
65. P.M. Jones, M.C. Dix, M.I. Clarke & I.G. Heggie, *Understanding Travel Behaviour*, Brookfield, Vermont: Gower Publishing Co., 1983, xvii and 281 pp., in *Annals of Tourism Research*, 14, 1987, 163-6.
66. (with W. Haider) R. G. Golledge & H. Timmermans (eds.), *Behavioural Modelling in Geography and*

- Planning*, London: Croom Helm, 1988, xxix and 497 pp., in *Geographical Analysis*, 21, 1989, 360-4.
67. *The Canada 1986 Census Profiles (CD-ROM)* in *ACMLA Bulletin*, 81, 1991, 27-8.
68. *Canada 1986 Census Profiles/Canada Recensement de 1986: Profils CD-ROM* in *The Operational Geographer*, 9, 1991, 42.

h) Papers Presented

- 1973 *A statistical comparison of paired-comparison preference matrices*. Guest Speaker - N.S.F. Institute in Computerized Algorithms for Solving Location-Allocation Problems, Iowa City, U.S.A.
- 1974 *Environmental and spatial preferences of interstate migrants in the U.S.A. and inter-provincial migrants in Canada: a comparison*. Invited paper, I.G.U. Commission on Quantitative Methods Meetings, Palmerston North, New Zealand.
- 1978 *The use of time-space maps in urban planning*. Invited conference paper at Theory and Practice: the Contribution of the Social Sciences to Urban Planning, State University of New York, Albany, N.Y.
- 1980 *Modelling recreational trip distribution data using GLIM*. Joint CAG (Ontario division) - AAG (West Lakes division) annual meeting, London, Ontario.
- 1981 *An evaluation of alternative recreation trip distribution models*. Ministry of Lands, Parks and Housing, Government of B.C., Victoria, and Ministry of Recreation and Parks, Government of Alberta, Edmonton.
- 1982 *Using GLIM for exploratory modelling of camper trip distributions*, annual meetings, Association of American Geographers, San Antonio.
- 1983 *A framework for the exploratory development of recreational trip distribution models*, annual meetings, National Recreation and Parks Association, Kansas City, Missouri.
- 1990 *The bases of differences between American and Canadian cities*, annual meetings, Association of American Geographers, Toronto.
- 1992 *A model of intra-modal airline passenger market share and seat allocation with capacity constraints*, annual meetings, Optimisation Days, University of Montreal.
- 1992 *Environmental choices: Recycling and other behaviour*, annual meetings, Canadian Association of Geographers, Vancouver.
- 1992 *Choix de comportement environnemental: l'exemple de recyclage de déchets*, graduate seminar, Department of Geography, University of Montreal.
- 1995 *Stated Preference Analysis of Commuting Choices and Automobile Energy Source Choices*, annual meetings, Association of American Geographers, Chicago.
- 1995 *What Price Environment-Friendly Suburban Commuting?*, annual meetings, Canadian Association of Geographers, Montreal.
- 1995 Sarigollu, E. & G. Ewing. *Measuring consumer preferences for low emission cars: a discrete choice experiment*. 1995 Sydney INFORMS Marketing Science Conference, Sydney, Australia.
- 1996 *Factors Affecting Montreal Residents' Use of Blue Box Recycling*, McGill Chapter of Quebec Public Interest Research Group, Montreal.
- 1996 *From Gravity Models to Discrete Choice Experiments*, Faculty of Geography, University of Havana, Cuba.
- 1996 *Discrete Choice Experiments on Caribbean Tourist Destination Choices*, UNDP Program on Biodiversity and Tourism in the Northern Cays of Cuba, UNDP, Havana, Cuba.
- 1998 Ewing, G. & W. Haider. *Estimating what affects tourist destination choice and pricing a new tourist product right*. Second International Seminar on Computer Sciences in the Service of Tourism, Informatica '98, Havana, Cuba, February 20.
- 2000 Dragicevic, S., G. Ewing & J. Lewis. *GIS on the Internet: a Prototype Tool for Visualisation and Accessing Geo-referenced Data*, *Proceedings, Geomatique 2000*, Montreal, March 8-10, 2000.

- 2002 *Cautionary Notes on Correlation and Regression Analysis*. Faculty of Business, Auckland University of Technology, New Zealand, March 4.
- 2002 *Altruism Versus Self-interest in Environment-friendly Decisions*. School of Public Policy, Auckland University of Technology, New Zealand, March 22.
- 2002 *New Urbanism: Urban Transport Solution or Chimera?* Auckland University of Technology, New Zealand, March 22.
- 2002 Ewing G. & W. Haider. *Using Discrete Choice Experiments to Estimate What Affects Tourist Destination Choice*. Tourism Research Institute, Auckland University of Technology, New Zealand, March 22.
- 2003 *Disputing the link between density and car dependence*, Annual Meetings, Canadian Association of Geographers, Victoria, BC, May 30.
- 2003 *Urban commuting*, presenter and panel discussant, Annual Meetings, Canadian Association of Geographers, Victoria, BC, May 31.
- 2004 Carter, A. & G. Ewing *Can policies based on the principles of New Urbanism help reduce car dependency in cities? An example from Montreal*. Annual Meetings, Canadian Association of Geographers, Moncton, N.B., May.
- 2004 Patterson, Z., M. Haider & G. Ewing *Did September 11 affect freight travel times and mode split between Canada and the United States? A case study of freight movements between Quebec and New York*. Annual Meetings, Canadian Regional Science Association, Moncton, N.B., May.

GRADUATE SUPERVISION

Geography

- MA 1974 (incomplete) **William Goldstein Past employment:** Founder (1974) and past president of Compusearch Micromarketing Data and Systems
- M.A. 1975 **Terrence Kulka Thesis:** A scaling analysis of ski site attraction using skiers' spatial and environmental preferences and perceptions.
- PhD. 1979 **Terrence Kulka Thesis:** A study of the locational flexibility of work stations in a business environment. **Current employment:** President and CEO, Springboard Wireless Networks Inc., Ottawa.
- M.A. 1986 **Rolland Vincent Thesis:** A model of carrier market share of Canadian domestic airline passenger traffic by origin-destination. **Current employment:** self-employed airline consultant; formerly Director, Strategic Planning, Learjet Corp, Bombardier Aerospace.
- M.A. 1986 **Ken Atherley Thesis:** Perception and behaviour in the coastal recreational environment of Barbados: the tourists' perspective. **Current employment:** Director, Dept of Tourism, Barbados.
- Ph.D. 1991 **Wolfgang Haider Thesis:** The choice behaviour of Caribbean winter beach vacationers - an experimental case study in the Ottawa area. **Current employment:** Associate Professor, School of Resource and Environmental Management, Simon Fraser University, Burnaby, B.C.
- M.A. 1992 **Jakob Thorsteinsson Thesis:** Tourists' images and ratings of destination attributes: the case of Iceland. **Current employment:** Sales manager, Morgunblaðið newspaper, Iceland.
- Ph.D. 1992 **Michael Fox Thesis:** Time-distance as a constraint in the delivery of regional school services: the case of the Eastern Townships Regional School Board. Awards: Quebec Youth Educator of the Year, 1991. **Current employment:** Chair, Department of Geography and past V-P Academic and Research, Mount Allison University.
- PhD 1995 **George Vincent** (chapter on Caribbean tourist destination choice) **Thesis:** Tourism and sustainable development in Grenada, W. I.: towards a mode of analysis. **Current**

- employment:** Director of Research, Tourism Division, Organisation of American States
- M.A. 1996 **Darren Bardati Thesis:** The view from shore: the impact of boating on lakescape aesthetics. **Current employment:** Assistant Professor, Dept. of Environmental Studies and Geography, Bishop's University.
- Ph.D. 1998 **Thomas Fletcher Thesis:** Environmental justice and hazardous waste: a view from the Canada-United States border. **Current employment:** Associate Professor, Dept. of Environmental Studies and Geography, Bishop's University.
- M.A. 2000 **Pascale Thivièrge Thesis:** Tourism stakeholder networks and sustainability: the case of Viñales Valley, Cuba. **Current employment:** Senior Development Officer (Peru), Canadian International Development Agency, Gatineau, Québec.
- M.A. 2005 **Andrew Carter Thesis:** The impact of urban form on automobile ownership and non-work travel behavior: a study of Montreal
- M.A. 2005 **Derek Armstrong Thesis:** Estimating travel behaviour and demand for commuter rail service between the South Shore and Montreal CBD. **Current employment:** Sustainable Development, Policy Planning and Integration Directorate, Environment Canada, Gatineau, Québec
- Ph.D. 2007 **Zachary Patterson Thesis:** Freight shipper mode choice in the Quebec City – Windsor Corridor and its impact on carbon dioxide emissions. **Current employment:** Research scientist, Agence Métropolitaine de Transport, Montréal.

School of Urban Planning

- M.U.P. 1981 Sylvie Paré Thesis: Le Développement-Residentiel au Centre-Ville de Montréal.
- M.U.P. 1983 Bernard McCann Thesis: Residential Location and Transportation Demand.
- M.U.P. 1986 Jacques Morel Thesis: Proposition pour le choix de sites de manèges militaires en milieu urbain.
- M.U.P. 1986 Breda O'Beirne Thesis: Location in Planning: ambulance location on the South Shore of Montreal.
- M.U.P. 1987 Naomi Kupferberg Thesis: Road design and traffic control for child pedestrian safety.
- M.U.P. 1989 Chris Lawrence Thesis: The effect of non-performance attributes on shopping destination choice.
- M.U.P. 1989 Pierre Benoit Thesis: L'évaluation multi-critères.

University of Nairobi fellowship students in Geography Dept. for second year of M.A.

- M.A. 1983 Chris Macoloo Thesis: Housing in Kisumu Town, Kenya: an assessment of the demand, supply and policy.
- M.A. 1986 Omondi Bowa Thesis: The role of the informal sector in economic development: a case study of rural service centres in Kisumu District.
- M.A. 1988 Samuel Akech Thesis: Small-holder food-crop production: a case study of maize production in South Nyanza.

ADMINISTRATION

- Chair, Department of Geography (1999, 2002-2006)
- Member, Chairs Council, Faculty of Science (1999, 2002-2006)

McGill University, Centre for Continuing Education

- Program Committee for the Certificate in Transportation and Logistics (1982- present)