

Associate Professor
Ted Rogers School of Management
Ryerson University, Toronto
(Updated in July 2007)

EDUCATION

- June 2003 Ph.D.
University of Toronto, Department of Civil Engineering, Toronto, Ontario
Thesis Title: Spatio-temporal Modelling of Housing Starts in the Greater Toronto Area
- 1999 M.A.Sc.
University of Toronto, Department of Civil Engineering, Toronto, Ontario
Thesis Title: A Spatial Hedonic Price Index for Freehold Properties in the Greater Toronto Area - Application of Spatial Autoregressive Techniques
- 1995 Certificate in Magazine Journalism
Ryerson Polytechnic University, School of Journalism, Toronto, Ontario
- 1992 B.Sc. (Honours) Civil Engineering
N-W.F.P. Engineering University, Department of Civil Engineering, Peshawar, Pakistan
Thesis Title: A Study of Alkali Aggregate Reactivity at Warsak Hydel Project, Pakistan

RESEARCH / WORK EXPERIENCE

- Associate Professor:** School of Retail Management, Ted Rogers School of Management
July 2006 to date Ryerson University, Toronto Ontario
University Appointment:
◆ 2007 - date Director, Institute of Housing and Mobility, Ryerson University
- Adjunct Professor:** Faculty of Engineering
February 2007 to date McGill University, Montreal Canada
- Assistant Professor:** School of Urban Planning & Department of Civil Engineering
January 2002 to June 2006 McGill University, Montreal Canada
University Appointments:
◆ 2003 to 2006 Director, Gardner Hall Residence, McGill University
◆ 2003 to 2006 Manager, Urban Systems Laboratory, Faculty of Engineering, McGill University

CONSULTING SERVICES:

- ◆ Consultant to Infrastructure Canada to develop a freight planning manual for Canada (2007).
- ◆ Consultant to Infrastructure Canada to identify innovative finance strategies to promote smart growth (2007).
- ◆ Consultant to CMHC to develop a system dynamics model to identify policy alternatives that promote smart growth (2007).
- ◆ Consultant to Transport Canada for the analysis of international trade and seaport capacities (2007-08).
- ◆ Consultant to CMHC to model travel behaviour and activity patterns in 8 new urbanist and traditional neighbourhoods in Canada (2006-07).
- ◆ Consultant to Transport Canada for the analysis of shippers' and carriers' mode choices (2005-06).
- ◆ Consultant to United Nations Population Fund to train Population Census Organization in Pakistan in developing a nationwide Geographic Information System for census planning and policymaking (2005-06)
- ◆ Evaluating Computable General Equilibrium modeling framework for housing policy analysis in Canada (Client: Canada Mortgage and Housing Corporation, 2004-05)
- ◆ The impact of new urbanist neighbourhoods on travel behaviour (Client: Canada Mortgage and Housing Corporation, 2005-06)
- ◆ Advisor to the Higher Education Commission (Government of Pakistan) to establish a \$3.0 million Institute of Urban Planning in Peshawar, Pakistan (2004).
- ◆ Advised the City of Montreal on the safety implications of Right Turn on Red at signalized intersections in Montreal (2003).

- ◆ Co-authored a report for Infrastructure Canada (Government of Canada) on the state of municipal infrastructure and its restoration (2003).
- ◆ Spatial analysis of travel activity patterns of households in Québec City (Client: NRCAN, 2000).
- ◆ Developments of Indicators of Energy Efficiency that promote fuel efficiency (Client: NRCAN, 2001)

Data Analyst, Nesbitt Burns, Toronto, ON.

1995 – 1996

- ◆ Analyses of Future and Option trades.

Demographic/ GIS Analyst, Faculty of Environmental Studies, York University, Toronto, Ontario.

1994 - 1995

Correspondent, United Press International (UPI), Islamabad, Pakistan.

1993 – 1994

CURRENT RESEARCH

- ◆ Developing an integrated model of transportation and land use for the Montreal region. (<http://www.milute.mcgill.ca>)
- ◆ A product choice model of housing builders in the Greater Toronto Area.
- ◆ Time-series econometric models of housing starts: Is housing supply independent of demand?
- ◆ An econometric analysis of the difference between bid and ask prices of housing values in the Greater Toronto Area.
- ◆ A study of the difference between market prices and owner-assessed housing values in the Greater Toronto Area.
- ◆ Spatial dependency in urban simulation models: Devising standards for spatial representation of urban systems.
- ◆ Urban transport challenges in developing world: How to improve safety and efficiency of mass transit without affecting equity in mega cities?
- ◆ Promoting equity in mobility: Determining the mobility needs of transportation disadvantaged in North America.
- ◆ Supply Chain and Logistics Management challenges and solutions for the retail sector.
- ◆ Cross-border, intercity, and intra-urban freight in Canada: challenges, opportunities, and innovation.

PUBLICATIONS & PRESENTATIONS

Articles in refereed publications/book chapters

- ◆ Badami, Madhav G.; Haider, Murtaza (2007). “An Analysis of Public Bus Transit Performance in Indian Cities.” Forthcoming in *Transportation Research Part A: Policy and Practice*.
- ◆ Patterson, Zachary; Ewing, Gordon; Haider, Murtaza (2007). “Shipper Preferences Suggest Strong Mistrust of Rail: The First SP Carrier Choice Survey for the Quebec City – Windsor.” Forthcoming in *Transportation Research Record*.
- ◆ Haider, Murtaza and Badami, Madhav (2007). “Balancing Efficiency and Equity in Public Transit in Pakistan?” in *Urban Infrastructure and Public Service Delivery for the Urban Poor*. Johns Hopkins University and Woodrow Wilson International Center for Scholars.
- ◆ Haider, Murtaza and Haider, Irteza (2006). “Urban development in Pakistan” in *Urbanization and sustainability in Asia: Case Studies on Best Practice Approaches to Sustainable Urban and Regional Development*. Pp. 245-272 (Chapter 10). Asian Development Bank, Manila, Philippines.
- ◆ Patterson, Zachary; Ewing, Gordon; Haider, Murtaza (2005). “A Gender-based Analysis of Work Trip Mode Choice of Suburban Montreal Commuters Using Stated Preference Data.” *Transportation Research Record*, 1924, pp. 89-94.
- ◆ Haider, Murtaza and Miller, Eric J. (2004). “Modeling Location Choices of Housing Builders in the Greater Toronto Area.” *Transportation Research Record*, 1898, pp. 148-156.

- ◆ Miller, Eric J., Roorda, Matthew J., Haider, Murtaza, Mohammadian, Abolfazl (2004). “An Empirical Analysis of Travel and Housing Costs in the Greater Toronto Area.” *Transportation Research Record*, 1898, pp. 191-201.
- ◆ Haider, Murtaza and Miller, Eric J. (2000). “Effects of Transportation Infrastructure and Locational Elements on Residential Real Estate Values. Application of Spatial Autoregressive Techniques.” *Transportation Research Record*, 1722, pp. 1-8.

Refereed Conference Proceedings/Presentations

- ◆ Patterson, Zachary; Ewing, Gordon; Haider, Murtaza (Jan. 2007). “Shipper Preferences Suggest Strong Mistrust of Rail: The First SP Carrier Choice Survey for the Quebec City – Windsor.” Transportation Research Board’s (TRB) 86th Annual Meeting. Washington DC.
- ◆ Patterson, Zachary; Ewing, Gordon and Murtaza Haider. (2006). “The potential for premium inter-modal services to reduce CO2 emissions in the Quebec-City Windsor corridor: A Stated Preference application.” 53rd North American Meeting of the Regional Science Association International. November 2006. Toronto, ON
- ◆ Haider, Murtaza (June 2006). “Accountability and Transparency in Transport Infrastructure Investments: From the Metro in Delhi to Maglev in Karachi.” Presented at the Conference on Urban Infrastructure, Transport & Environment in India. The Centre for India and South Asia Research University of British Columbia. June 14-15, 2006.
- ◆ Patterson, Zachary; Ewing, Gordon and Murtaza Haider. (2006). “The First Carrier Choice Survey for the Quebec City – Windsor Corridor: Shipper Preferences Suggest Uphill Battle for Increasing Rail Freight Market Share.” Proceedings of the 2006 Meeting of the Canadian Transportation Research Forum. May 2006.
- ◆ Patterson, Zachary; Ewing, Gordon and Murtaza Haider. (2006). “Shipper/Carrier Choice Survey for the Quebec City – Windsor Corridor: Challenges for Improving Rail Freight Market Share.” Presented at the 2006 Swiss Transportation Research Conference, Monte Verità, Ascona – March 15 - 17, 2006.
- ◆ Patterson, Zachary; Haider, Murtaza and Gordon Ewing. “Developing a Conceptual Framework for the Integration of Urban with International Freight Transportation Models.” Presented at the National Urban Freight Conference, 1-3 February, 2006, Long Beach, CA.
- ◆ Simmonds, David C.; Haider, Murtaza; Feldman, Olga; Tsang, Flavia (2005). “Model Developments based upon the DELTA Package”. 52nd Annual Conference of the Regional Science Association International. November 10-12, 2005, Las Vegas, NV.
- ◆ Haider, Murtaza; Spurr, Tim; Rahel, Merissa. (June 2005). “Access to Work and Affordable Housing for the Working Poor in Canada.” MCRI-SSHRC Colloquium at the University of Toronto.
- ◆ Haider, Murtaza and Spurr, Timothy (June 2005). “Measuring the performance of accessibility indicators in Greater Montreal Area.” Canadian Regional Science Association Annual Meeting. June 3-4, 2005. Toronto, ON.
- ◆ Haider, Murtaza; Haider, Irteza (April 2005) “Spatially disaggregate analysis of housing quality, urban services, and socio-demographics in South Asia: A case study of Rawalpindi, Pakistan.” The World Bank’s Urban Research Symposium: Land Development, Urban Policy and Poverty Reduction. Brasilia, Brazil.
- ◆ Mohammadian, Abolfazl; Haider, Murtaza (Jan. 2005). “Incorporating Spatial Dependencies in Random Parameter Discrete Choice Models.” Transportation Research Board’s (TRB) 84th Annual Meeting. January 9-13, 2005. Washington DC.
- ◆ Patterson, Zachary; Haider, Murtaza; Ewing, Gordon (Jan. 2005). “Did September 11 Affect Freight Mode Split in the Quebec New-York Corridor?” Transportation Research Board’s (TRB) 84th Annual Meeting. January 9-13, 2005. Washington DC.
- ◆ Patterson, Zachary; Haider, Murtaza; Ewing, Gordon (Jan. 2005). “A Gender-based Analysis of Work Trip Mode Choice of Suburban Montreal Commuters Using Stated Preference Data.” Transportation Research Board’s (TRB) 84th Annual Meeting. January 9-13, 2005. Washington DC.
- ◆ Haider, Murtaza; Badami, Madhav. (June 2004). “How to balance equity and efficiency concerns in public transit for the urban poor in Pakistan?” Woodrow Wilson International Center Forum on Urban Infrastructure and Public Service Delivery for the Urban Poor. June 25-26, 2004. New Delhi, India.

- ◆ Haider, Murtaza. (May 2004). "A study of regional trends in housing starts in the Greater Toronto Area." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Haider, Murtaza. (May 2004). "Impact of Free Parking, Transit Accessibility, and Socio-Demographic Attributes on Mode Choice in Toronto." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Haider, Murtaza; Badami, Madhav. (May 2004). "Transparency and public participation in infrastructure investment decision-making in Canada." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Haider, Murtaza; Spurr, Tim. (May 2004). "Accessibility, equity, and transit use in the United States." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Haider, Murtaza; Wing Sze Siu; Rahel, Merissa. (May 2004). "A study of travel behaviour of transportation disadvantaged in Montreal." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Patterson, Zachary; Haider, Murtaza; Ewing, Gordon. (May 2004). "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." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Spurr, Tim; Rahel, Merissa; Haider, Murtaza. (May 2004). "Investigating the relationship between proximity to subway stations and transit use in Montreal and Toronto." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Carter, Andrew; Ewing, Gordon; and Haider, Murtaza. (May 2004). "Can policies based on the principles of new urbanism help reduce car dependency in cities? An example from Montreal." Canadian Regional Science Association Annual Meeting. May 28-29, 2004. Moncton, NB.
- ◆ Haider, Murtaza; Miller, Eric J. (January 2004). "Modeling Location Choices of Housing Builders in the Greater Toronto Area." Transportation Research Board's (TRB) 83rd Annual Meeting. January 11-15, 2004. Washington DC.
- ◆ Miller, Eric J.; Roorda, Matthew J.; Haider, Murtaza; Mohammadian, Abolfazl (2004). "An Empirical Analysis of Travel and Housing Costs in the Greater Toronto Area." Transportation Research Board's (TRB) 83rd Annual Meeting. January 11-15, 2004. Washington DC.
- ◆ Haider, Murtaza; Haider, Irteza.; Salazar, Sebastian (Dec. 2003) "Resistance to public transit regulation in developing countries: Equity, efficiency and safety in Islamabad and Lima." The World Bank's Urban Research Symposium: Urban Development for Economic Growth and Poverty Reduction. Washington, D.C.
- ◆ Haider, Murtaza ; Morin, Jean-Francois ; Moerman, Tim. (2003). "A study of the impact of socio-demographic factors and land use on transit ridership in Montreal." Canadian Regional Science 2003 Meetings. May 30-31, 2003. Victoria, BC.
- ◆ Haider, Murtaza (March 2003). "Spatial distribution of accessibility and housing dynamics in the GTA." SSHRC's MCRI Mid-Term Review Colloquium. GRIMES, Université Laval. Quebec City, QC.
- ◆ Haider, Murtaza (June 2001). "A Spatial Analysis of Residential Land Inventory in the Greater Toronto Area." Third Annual Conference of the GEOIDE Network. June 21-22, 2001. Fredericton, NB.
- ◆ Haider, Murtaza; Haroun, Antoine; Miller, Eric J. (June 2001). "The Impact of Power Lines on Freehold Residential Property Values in the Greater Toronto Area." Canadian Regional Science 2001 Meetings. June 1-3, 2001. Montréal, QC.
- ◆ Haider, Murtaza; DiFrancesco, Richard (June 2000). "A Descriptive Analysis of Spatio-Temporal Variation in Retail Real Estate Prices in the Greater Toronto Area." Canadian Regional Science 2000 Meetings. June 2-4, 2000. Toronto, ON.
- ◆ Haider, Murtaza (June 2000). "Improving Public Transit Access to Large Airports: A Case Study of Pearson Airport in Toronto." Proceedings of the 35th Annual Canadian Transportation Research Forum (CTRF) Conference. June 4 - 7, 2000. Charlottetown, PEI.

- ◆ Haider, Murtaza; Miller, Eric J. (January 2000). "Spatio-Temporal Analysis of Housing Values in the GTA: Application of Spatial Autoregressive Techniques." Transportation Research Board's (TRB) 79th Annual Meeting. January 8-13, 2000. Washington DC.
- ◆ Haider, Murtaza; Miller, Eric J. (November 1999). "Development of Hedonic Price Indices for Freehold Properties in the Greater Toronto Area: Application of Spatial Autoregressive Techniques." 46th North American Meeting of the Regional Science Association International. November 11-14, 1999. Montréal, QC.

Reports and Monographs

- ◆ Mirza, S. and Haider, Murtaza (March 2003). "The State of Infrastructure in Canada: Implications for Infrastructure Planning and Policy." A report prepared for Infrastructure Canada. McGill University. Montreal, QC.
- ◆ Miller, E.J., Roorda M.J., Haider M., Mohammadian A., Hogg J., Wong W. (2002). "Transportation and Housing Costs in the Greater Toronto Area: An Empirical Analysis." Final project report to the Neptis Foundation, Toronto: Joint Program in Transportation, University of Toronto.
- ◆ Doherty, Sean T., Haider, Murtaza and Lee-Gosselin, Martin (March 2001). "Enhanced Mobility-Related Energy Efficiency Indicators: Providing a Technical Basis for Improved Consumer Messaging." GRIMES, Université Laval. Quebec City, QC.
- ◆ Doherty, Sean T., Haider, Murtaza and Lee-Gosselin, Martin (Dec. 2000). "Exploring the Spatial-Temporal Distribution of Household Activities and the Implications for Energy Efficiency." GRIMES, Université Laval. Quebec City, QC.
- ◆ Haites, Erik, & Haider, Murtaza. (July 1998). "Experience with Mobile Source Emissions Trading and Its Potential Application to Greenhouse Gas Emissions by the Transportation Sector." Transportation Committee, National Round Table on the Environment and the Economy. Ottawa, ON.

RESEARCH GRANTS

- ◆ Transport Canada
(C\$160,000: Impact of overseas trade and seaports' capacity) 2007-08
- ◆ Higher Education Commission (Pakistan)
(US\$420,000: To improve infrastructure engineering & planning research & practice in developing countries) 2005-08
This project will be executed at McGill University and will support five doctoral students.
- ◆ Higher Education Commission (Pakistan)
(US\$2,580,000: Government of Pakistan funded my proposal to set-up an infrastructure planning institute in Pakistan) 2005-08
- ◆ Canada Mortgage and Housing Corporation
(C\$100,000: A study of new-urbanist developments) 2005
- ◆ Canada Mortgage and Housing Corporation
(C\$35,000: Application of CGE models for housing policy) 2005
- ◆ Transport Canada
(C\$130,000: Inter-city freight model of shippers) 2004-06
- ◆ Natural Sciences and Engineering Research Council
(C\$85,000: To study MAUP and travel demand models) 2004-08
- ◆ Canadian Institutes of Health Research
(C\$20,000: To study the link between cancer and traffic-related emissions) 2004-05
- ◆ SSHRC's Major Collaborative Research Initiative (MCRI)
(C\$30,000: To analyze equity dimensions of accessibility) 2004-05
- ◆ Canada Foundation for Innovation
(C\$440,000: To develop integrated land use transportation models) 2003-06
- ◆ McGill Startup Grant
(C\$40,000: Startup funding to develop land use models) 2002-05

PROFESSIONAL AFFILIATIONS

- ◆ Vice President (Awards) of *Canadian Transportation Research Forum* (2006-07).
- ◆ Member of Board of Directors of *Canadian Transportation Research Forum* (2004-06).
- ◆ Member of Transportation Research Board's (TRB) committee on Transportation & Land Development.
- ◆ Member of the TRB's Sub-Committee on Integrated Transportation and Land Use Modelling.
- ◆ Referee for *Journal for Environmental Management, Transportation, and Transportation Research Record*.

INTERNATIONAL COLLABORATION

- ◆ I have served as a foreign advisor to the Higher Education Commission, Government of Pakistan, to establish a US\$3.0 million institute of urban infrastructure planning at the NWFP University of Engineering and Technology in Peshawar, Pakistan.
- ◆ Advisor to the Population Census Organization in Pakistan to develop in-house GIS capabilities to analyze census data.
- ◆ In December 2003, I taught a course in **urban transportation planning** at the National University of Sciences and Technology in Pakistan.

ACADEMIC AWARDS, SCHOLARSHIPS

Teaching Excellence Award	2000
◆ Morrison Hershfield Teaching Excellence Award (U of T) <i>Voted by the students and the faculty as the best teaching assistant</i>	
Publication Awards	2000
◆ Canadian Transportation Research Forum (CTRF) <i>Best Doctoral Research Paper (Jim Davey) Award</i>	1999
◆ Canadian Transportation Research Forum (CTRF) <i>Best Master's Research Paper (Albert Stevens) Award</i>	
Scholarships/Fellowships	
◆ Geoide's Innovative Idea Award	2001
◆ NSERC Post Doctoral Fellowship (declined)	2001
◆ Transportation Association of Canada (TAC) Scholarship	2000
◆ CSISS Scholarship (Univ. of California)	2000
◆ University of Toronto Open Fellowship	2000-01
◆ NSERC Scholarship (PGS-B)	2000-01
◆ NSERC Scholarship (PGS-B)	1999-00
◆ Ontario Graduate Scholarship (OGS)	1999-00
◆ University of Toronto Open Fellowship	1999-00
◆ Ontario Graduate Scholarship (OGS)	1998-99
◆ University of Toronto Connaught Scholarship	1998-99
◆ University of Toronto Open Fellowship	1998-99
◆ Canadian Transp. Research Forum (Graduate Scholarship)	1998-99
◆ University of Toronto Open Fellowship	1996-97
Leadership Award	
◆ University of Toronto Excellence in Leadership Award	1998
Presentation Awards	
◆ Institute of Transportation Engineers (ITE) <i>Student Research Competition, Best Presentation Award</i>	2000
◆ Institute of Transportation Engineers (ITE) <i>Student Research Competition, Best Presentation Award</i>	1998

RESEARCH SUPERVISION:**Current Students:****Ph.D. Students:**

- ◆ **Bilal Farooq**, Civil Engineering, University of Toronto.
Thesis: Study of housing supply dynamics in large metropolitan areas.
(Co-supervisor with Prof. Eric Miller)

Masters Students:

- ◆ **Sean Nix**, Department of Civil Engineering, Ryerson University.
Thesis: Quantifying the Impact of Modifiable Areal Unit Problem in Travel Demand Models
- ◆ **Cara Sanders**, Masters In Spatial Analysis, Ryerson University.
Thesis: Housing challenges faced by First Nations in urban Canada.
- ◆ **Yun Jing Gao**, Department of Civil Engineering and Applied Mechanics, McGill University.
Thesis: Forecasting emissions and energy consumption for surface freight transportation under different policy scenarios.
- ◆ **Amahl Hazelton**, School of Urban Planning, McGill University.
Thesis: The Effects on Alberta's Inter-city Bus Industry of the Proposed Calgary-Edmonton High-Speed Rail Service.

Recent Graduates:**Ph.D. Students:**

- ◆ **Zachary Patterson**, Department of Geography, McGill University (2007).
Thesis: Innovations in inter-modal freight transport and their potential for emissions reductions on the Montréal to Toronto corridor.

Masters Students:

- ◆ **John DeWolfe**, School of Urban Planning, McGill University.
Thesis: Factors affecting transit ridership of regional trains.
- ◆ **Guillaume Rivard**, School of Urban Planning, McGill University (MUP, 2006).
Thesis: Analysing the interdependencies between suburbanization of employment and transport infrastructure in the Greater Montreal Area.
- ◆ **Rita Seto**, School of Urban Planning, McGill University. (MUP, 2006)
Thesis: Simulation of transit commutes in Montreal using GIS.
- ◆ **Nathan Miller**, School of Urban Planning, McGill University. (MUP, 2006)
Thesis: Developing a framework to simulate commercial vehicle trips in Montreal.
- ◆ **Rahel Merissa**, Department of Civil Engineering and Applied Mechanics, McGill University. (MEng, 2006)
Thesis: Urban Journeys Unveiled: A Study of Work Commutes Among the Montreal Disadvantaged.
- ◆ **Suzanne Glenn**, School of Urban Planning, McGill University. (MUP, 2005)
Thesis: A critical evaluation of the demise of regional governance structures in Alberta.
- ◆ **Timothy Spurr**, Civil Engineering & Applied Mechanics, McGill University. (MEng, 2005)

Thesis: Construction of a detailed deterministic user-equilibrium traffic assignment model for the Greater Montreal Area using Geographic Information Systems.

- ◆ **Andrew Carter**, Department of Geography, McGill University. (With Prof. Gordon Ewing, 2005)
Thesis: Impact of Urban Form on Auto-ownership
- ◆ **Ka Ke Alfred Chu**, School of Urban Planning, McGill University. (MUP, 2004)
Thesis: Feasibility analysis of modernisation, conversion, and reutilization of under-used rail facilities for public transit in Montréal.
- ◆ **Dnyanesh Deshpande**, School of Urban Planning, McGill University. (MUP, 2004)
Thesis: Alternative sources of infrastructure finance for developing countries
- ◆ **Wing Siu**, School of Urban Planning, McGill University. (MUP, 2003)
Thesis: A study of age and gender dimensions of mobility in Montreal.
- ◆ **Sebastián Salazar-Chávez**, School of Urban Planning, McGill University. (MUP, 2002)
Thesis: Institutional re-organisation in urban transportation in the metropolitan area of Lima and Callao.

Undergraduate Students:

- ◆ **Chris Teolis**, Department of Civil Engineering and Applied Mechanics, McGill University.
Tech-paper: A comparative analysis of dynamic and static traffic assignment models.
- ◆ **Tommy Wong**, Department of Civil Engineering and Applied Mechanics, McGill University.
Tech-paper: Building a transit assignment model of Montreal using TransCAD.
- ◆ **Elisa Gaetano**, Department of Civil Engineering and Applied Mechanics, McGill University.
Tech-paper: The state of urban transit in Canada.
- ◆ **Emma Hamilton**, Department of Civil Engineering and Applied Mechanics, McGill University. (2005)
Technical Paper: Design and Development of digital transit networks using Geographic Information Systems.
- ◆ **Peter Szilagyi**, Department of Civil Engineering and Applied Mechanics, McGill University. (2005)
Technical Paper: The Influence of Transit Supply on Transit Use in the United States.
- ◆ **Hank Wong**, Department of Civil Engineering and Applied Mechanics, McGill University. (2004)
Technical Paper: Dynamics of inter-city travel in Canada.
- ◆ **Eric Shelley**, Department of Civil Engineering and Applied Mechanics, McGill University. (2004)
Technical Paper: Travel behaviour in neo-traditional neighbourhoods and implications for equity.
- ◆ **Carmen Wong**, Department of Civil Engineering and Applied Mechanics, McGill University. (2004)
Technical Paper: A comparison of groundside accessibility to airports in Montreal and Toronto.
- ◆ **Catia Moreau**, Department of Civil Engineering and Applied Mechanics, McGill University. (2004)
Technical Paper: Cost uncertainties in large-scale infrastructure projects: A case study of Laval Metro.
- ◆ **Sid Pharasi**, Department of Civil Engineering and Applied Mechanics, McGill University. (2003)
Technical Paper: Developing a digital street network of the Greater Toronto Area for traffic simulation.
- ◆ **Timothy Spurr**, Department of Civil Engineering and Applied Mechanics, McGill University. (2002)
Technical Paper: Developing a digital street network of the Greater Montreal Area for traffic simulation.

Design Studios in Civil Engineering

- ◆ **Ian Borsuk, Isabelle Da Silva, Flavie Gagnon.** Department of Civil Engineering and Applied Mechanics, McGill University. (2004).
Design Project: Design of bus way on LaSalle Spur line.
- ◆ **Nina Ganchev, Joelle St.-Pierre, Jolene Yeats.** Department of Civil Engineering and Applied Mechanics, McGill University. (2003)
Design Project: Improving pedestrian safety at signalized intersections in Montreal.

Courses Taught at Ryerson University (2006 – present)

MGT 803:	Principles of Transportation
RMG 903:	Retail Logistics Management I
RMG 904:	Logistics & Supply Chain Management
SA8902:	Database Management & Spatial Technologies

Courses Taught at McGill University (2002-2006)

URBP 619:	Transportation and Land Development
URBP 616:	Urban Infrastructure Investments
CIVE 540:	Urban Transportation Planning
CIVE 319:	Transportation Engineering Workshops in statistical modelling