

CURRICULUM VITAE

MUHAMMAD AHSANUL HABIB

RANK AND STATUS

Assistant Professor, School of Planning, Dalhousie University, Halifax, NS

Assistant Professor, cross appointment, Department of Civil and Resource Engineering, Dalhousie University, Halifax, NS

Member, continuing, Faculty of Graduate Studies, Dalhousie University, Halifax, NS

Director, Dalhousie Transportation Collaboratory (DalTRAC), Halifax, NS

Senator, Dalhousie University Senate, Halifax, NS

ADDRESS AND CONTACT

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DalTRAC office B105, Engineering B Building, 1360 Barrington Street, Halifax, NS, B3H 4R2, Canada

Web DalTRAC Website: www.dal.ca/sites/daltrac

DalTRAC Blog: <https://blogs.dal.ca/daltrac/>

Project link: <http://www.dal.ca/sites/share-the-road.html>

PERSONAL

Personal Born November, 1976; Married, three children

Home 97 Capstone Cres, Bedford, NS, B4B 0H1, Canada

Citizenship Canadian

EDUCATION

2005 – 2009 **PhD** (Transportation Engineering and Planning)
Department of Civil Engineering, University of Toronto
Supervisor: Prof. Eric J. Miller
Specialty: Integrated Land Use and Transportation Modelling, Applied Econometrics, Panel data modeling, Microsimulation

2004 – 2005 **Master of Applied Science** (transferred to the PhD Program)
Department of Civil Engineering, University of Toronto
Supervisor: Prof. Eric J. Miller

2002–2004 **Master of Urban and Regional Planning**
Department of Urban and Regional Planning, BUET, Dhaka
Supervisor: Dr. K.M. Maniruzzaman
Specialty: Transportation, Spatial statistics, GIS and Hedonic Price Modelling

1996–2002 **Bachelor of Urban and Regional Planning**
Department of Urban and Regional Planning, BUET, Dhaka

ACADEMIC APPOINTMENTS

- 2010 – pres. **Assistant Professor**, School of Planning, Dalhousie University, Halifax, NS
- 2011 – pres. **Assistant Professor**, Department of Civil and Resource Engineering, Dalhousie University, Halifax, NS
- 2008 – 2009 **Sessional Lecturer**, part-time, University of Toronto, Scarborough, ON
- 2004 – 2009 **Teaching Assistant**, Department of Civil Engineering, University of Toronto
- 2002 – 2004 **Lecturer**, full-time, Bangladesh University of Engineering and Technology (BUET), Dhaka

PROFESSIONAL EXPERIENCES

- 2010 – pres. **Consultant**, Transportation Engineering and Planning, Halifax, NS
- 2009 **Transportation Modeller**, Systems Analysis and Forecasting Office, Transportation Planning Branch, Ministry of Transportation, Ontario (MTO)
- 2004 – 2009 **Graduate Research Assistant**, Department of Civil Engineering, U of T.
- 2002 – 2004 **Consultant**, Planning and Design, Dhaka, Bangladesh

SELECTED OTHER APPOINTMENTS

- 2014 – pres. **Graduate Coordinator**, Dalhousie University, Halifax, NS
- 2015 – 2018 **Member**, Standing Committee on Transportation and Sustainability, ADD40, Transportation Research Board (TRB), National Research Council, Washington DC, USA
- 2013 – 2016 **Member**, Standing Committee on ICT/Travel Choices, ADB20, TRB, USA
- 2013 – 2015 **Member**, Crosswalk Safety Advisory Committee, Halifax Council, NS

AWARDS AND HONOURS

- 2014 CTRF Best Paper Award (runner up), 49th Annual Conference of Canadian Transportation Research Forum, Windsor, ON, June 1-4
- 2008 Dr. Michel Van Aerde National Doctoral Award, Canadian Institute of Transportation Engineers (CITE), \$2000
- 2008 *Transport Canada Scholarship in Sustainable Transportation*, Canadian Transportation Research Forum (CTRF) National Graduate Award, \$4000
- 2008 TAC Foundation Scholarship, Transportation Association of Canada, \$3000
- 2004 – 2009 University of Toronto (U of T) Open Fellowship, Toronto, ON, \$20,000
- 2004 Commonwealth Scholarship at the University of Cambridge, UK (Declined to attend U of T)
- 2004 Dr. Rashid Gold Medal for the best performance among all the Master's Degree recipients at BUET in the year 2004, Dhaka, Bangladesh
- 1996 – 2002 Dean's Award and Merit Scholarship at all academic sessions, BUET, Dhaka

TEACHING INTERESTS

- Transportation Planning
- Transport Operations
- Transportation and Land Use
- Travel Survey Methods
- Research Design and Methods
- Urban and Rural Planning
- Sustainable Community Design
- GIS and Spatial Analysis

TEACHING EXPERIENCES

Courses offered at the Dalhousie University (2010 – present):

PLAN 4106/6106 Transportation Planning (Winter, 2010-2015)	Graduate & undergrad.
PLAN 5302/04 Planning Research Method (Winter, 2010-2014)	Graduate
CIVL 6139/PLAN6150/4150 Transport Operations (Winter 2014-15)	Graduate & undergrad.
CIVL 7000/PLAN6201/4200 Transport Modelling (Fall 2013-2014)	Graduate
PLAN 2010 Sustainable Community Design (Fall 2010)	Undergraduate
PLAN3006 Reading the Landscape (Winter 2015)	
PLAN 5000 Planning Studio (Fall, 2010 and 2012-2014)	Graduate

Courses offered at the University of Toronto (2008 – 2009):

GGRA30 Geographic Information Systems (GIS) and Empirical Reasoning, (2008 and 2009, Fall), 100+ students	Undergraduate
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Teaching assistants at the University of Toronto (2004 – 2009)

CIV531 Transportation Planning (Fall 2007 & 2008)	Graduate & undergrad.
CIV231 Introduction to Transportation System (Spring 2007-09)	Undergraduate
CIV263 Probability Theory for Civil Engineers (Spring 2005 & 2006)	Undergraduate
CIV261 Engineering Mathematics I (Fall 2005 & 2006)	Undergraduate
CIV362 Engineering Mathematics II (Fall 2004)	Undergraduate

RESEARCH INTERESTS

- Travel Behaviour Analysis
- Travel Demand Forecasting
- Integrated Transportation, Land Use and Energy Modeling
- Transport Data Collection and Survey Methods
- Microsimulation of Urban systems
- Transportation Planning and Policy
- Sustainability Indicators and Issues in Transportation
- Road Safety and Collision Analysis
- Transportation in Developing Countries

RESEARCH GRANTS/CONTRACTS*

2015 – 2016	The Province of Nova Scotia, NS DoE, “Nova Scotia Travel Activity and Emission Study” (PI: Dr. Habib)	On-going
2015 – 2018	SSHRC Insight Grants , Adapting to Vulnerabilities in the Transportation System's Critical Infrastructure: Drawing Lessons for Risk Governance from the Redecking of the Macdonald Suspension Bridge in Halifax” (PI: Dr. Quigley, Co-Investigator: Drs Habib & Pelot [Dalhousie] and Dr. Grutz [Ryerson])	On-going
2014 – 2015	The Province of Nova Scotia, NS DoE, “Sustainable Transportation Indicators: Transportation Data Collection and Modelling”, (PI: Dr. Habib)	Completed
2014 – 2015	NS Moves Grant, 3 rd Round, Nova Scotia Department of Energy, “Nova Scotia Share the Road Awareness Campaign: Phase Two” (PI: Dr. Habib)	Completed
2012 – 2017	NSERC Discovery Grant , “Developing Longitudinal Bottom-up Models of Land Use, Transport and Energy Use” (PI: Dr. Habib)	On-going
2013 – 2017	CFI Infrastructure Operating Fund , Canada Foundation for Innovation (CFI), (PI: Dr. Habib)	On-going
2012 – 2017	Leaders Opportunity Fund (LOF), Canada Foundation for Innovation (CFI) , “Dalhousie Transportation Collaboratory (DalTRAC) Infrastructure Project”, (funding partners: NSRIT and HRM), (PI: Dr. Habib)	On-going
2013 – 2014	The Province of Nova Scotia, NS DoE, “Transportation Data Collection and Modelling Centre for Sustainable Transportation Planning” (PI: Dr. Habib)	Completed
2013 – 2016	SSHRC Insight Grants , “Coordinating Land Use Planning in the Context of Multiple Plans” (PI: Dr. Grant, [Dalhousie]; Co-PIs: Drs. Habib, Manuel & Rapaport [Dalhousie] and Dr. Filion [Waterloo])	On-going
2014	Nova Scotia Department of Energy, “Provincial Land-use Planning GIS Support Tool” (PI: Dr. Habib)	Completed
2014	Bicycle Nova Scotia, “Nova Scotia Cycling and Active Transportation Behaviour Study” (PI: Dr. Habib)	Completed
2013 – 2014	Department of Foreign Affairs, Trade and Development (DFATD), Government of Canada, The Canada-CARICOM Leadership Exchange Scholarship (grant), “Transportation Planning for Mass Emergency Evacuation” (Supervisor: Dr. Habib)	Completed
2013 – 2014	NS Moves Grant, Nova Scotia Department of Energy, “Community-based Share the Road Awareness Campaign (CSRAC) Program for Nova Scotians” (PI: Dr. Habib)	Completed
2013 – 2014	NS Department of Health and Wellness, “Nova Scotia Active Transportation Barriers and Best Practices Study” (PI: Dr. Habib)	Completed
2012 – 2013	Nova Scotia Road Safety Advisory Committee (RSAC), NS Department of Transportation and Infrastructure Renewal (NSTIR), “Share the Road for Nova Scotians: Setting the groundwork through Research and Consultation” (PI: Dr. Habib)	Completed
2012 – 2013	Clean Nova Scotia Foundation, “Examining Attitudes, Long-term Mobility Decisions and Travel Behaviour in the Halifax Regional Municipality (HRM)” (PI: Dr. Habib)	Completed
2012 – 2014	Legacy Home Builders Limited, “Emission Modeling under different Land Development Scenarios” (PI: Dr. Habib)	Completed

2012 – 2013	Department of Foreign Affairs and International Trade Canada, Graduate Student Exchange, Commonwealth Scholarship (grant), “Mode Choice Behaviour of School-going Children in Dhaka City” (Supervisor: Dr. Habib)	Completed
2010 – 2016	Office of Sustainability, Dalhousie University, “Dalhousie University Commuter Study: Survey Design and Analysis” (PI: Dr. Habib)	On-going
2011 – 2012	Atlantic Metropolis Centre, “Planning for Inclusive Transportation: Issues, Challenges and Opportunities for the New Immigrants”, SSHRC pilot grant (PI: Dr. Habib)	Completed
2010	Ecology Action Centre, Nova Scotia Transit Research Incentive Program (NS-TRIP), “Transit Feasibility Study for the Region of Queens Municipality” (Applicant: Prof. Frank Palermo & CEU, Co-applicant: Dr. Habib).	Completed
2010	SSHRC Research Development Fund (Travel Grant), Dalhousie University	Completed
2010	Start-up grant, Dalhousie University, Awarded & continuing (PI: Dr. Habib).	On-going

* Note: some smaller funds in different years are not reported such as co-op incentives from the Nova Scotia Economic and Rural Development and Tourism, and HRM TDM fund, etc

GRADUATE RESEARCH SUPERVISION

Civil Engineering and Planning Graduate Research Students

<i>Student</i>	<i>Program</i>	<i>Topic (status)</i>	<i>Role, period</i>
Naznin Daisy	PhD (Civil engineering)	Activity-based travel behaviour analysis (in progress)	Supervisor, 2013-present
Hesam Hafezi	PhD (Civil engineering)	Population synthesis and activity generation/scheduling models (in progress)	Supervisor, 2013-present
Mahmudur Fatmi	PhD (Civil engineering)	Integrated transport and land-use modelling (in progress)	Supervisor, 2012-present
Jahedul Alam	MASc (Civil engineering)	Microsimulation-based travel demand forecasting model (in progress)	Supervisor, 2014-present
Shamsad Irin	MASc (Civil engineering)	Developing emission models for Halifax (in progress)	Supervisor, 2013-present
Mahbubur Rahman	MASc (Civil engineering)	Transport network model of Halifax (in progress)	Supervisor, 2013-present
Nazmul Khan	MASc (Civil engineering)	Vehicle transaction and type choice models (in progress)	Supervisor, 2013-present
Siobhan Witherbee	Master of Planning Studies	Microsimulation of pedestrian flow and surrogate safety modelling (in progress)	Supervisor, 2014-present
Shaila Mouree	Master of Planning Studies	The Impact of the Use of Smartphone Technologies on Travel Choices (in progress)	Supervisor, 2014-present
Justin Forbes	Master of Planning Studies	Nova Scotia collision study and injury severity models (completed)	Supervisor, 2013-2015

Stephanie Salloum	Master of Planning Studies	Characterizing travel behaviour and accessibility in the HRM (completed)	Supervisor, 2013-2015
Caroline King	Master of Planning Studies	Child-Care centre based study of travel behaviour (in progress)	Supervisor, 2012-present
Hannah Fortune	MSc (Planning, U. West Indies)	Evaluation of transportation plans for mass evacuation (in progress)	Co-supervisor, 2013-present
Naznin Daisy	MURP (plan, BUET)	Mode choice modelling of school-going children in Dhaka (completed)	Co-supervisor, 2011-2013

Planning Graduate Students and project supervision

Spencer Matheson	Master of Planning (MPLAN)	Estimation of emission and energy Use (in progress)	Supervisor (Project & RA), 2014-Present
Dylan Smith	Master of Planning (MPLAN)	Pedestrian network analysis (in progress)	Supervisor (Project & RA), 2014-Present
Levi Megenbir	Master of Planning (MPLAN)	Estimating fuel consumption and vehicle emissions from multi-Year travel survey data (completed)	Supervisor (Project & RA), 2013-2015
Nathan Hall	Master of Planning (MPLAN)	Breaching the Silo: Exploring Interdepartmental Coordination in Canadian Land Use Planning (completed)	Co-supervisor (Project & RA), 2013-2015
Stephen Stone	Master of Planning (MPLAN)	Measuring sustainability indicators using time-use data (completed)	Supervisor (Project & RA), 2012-2014
Niki Siabanis	Master of Planning (MPLAN)	Use of social media for the share the road awareness program (completed)	Supervisor (Project & RA), 2012-2014
Emily Macdonald	Master of Planning (MPLAN)	The Social Act of Aging: Identifying Opportunity Structures for Older Adults' Social Activity Purposes (completed)	Co-supervisor (Project only), 2012-2014
Mateja Peterlin	Master of Planning (MPLAN)	Impact of attitudes and life-style choice on travel behaviour (completed)	Supervisor (Project & RA), 2011-2013
Nicholas Shaw	Master of Planning (MPLAN)	Modelling residential location and mobility tool ownership of seniors in Toronto (completed)	Supervisor (Project & RA), 2011-2013
Kelsey Baglo	Master of Planning (MPLAN)	Best practice review of road safety campaigns (completed)	Supervisor (Project & RA), 2011-2013
Shaun Heffernan	Master of Planning (MPLAN)	Households' long-term mobility decisions and travel behaviour (completed)	Supervisor (Project only), 2011-2013

Scott Ash	Master of Planning (MPLAN)	Estimation of Mobile Source Emissions on the Halifax Peninsula Truck Route (completed)	Supervisor (Project & RA), 2011-2013
Katrina Leckovic	Master of Planning (MPLAN)	Transit network planning for mass emergency evacuation (completed)	Supervisor (Project & RA), 2010-2012
Daniel Richardson	Master of Planning (MPLAN)	Evaluation of transit alternatives for the Bedford-Halifax corridor: a stated preference study (completed)	Supervisor (Project & RA), 2010-2012
Bruce Mans	Master of Planning (MPLAN)	Modelling job mobility and location choices/Dalhousie travel behaviour study (completed)	Supervisor (Project & RA), 2010-2011
Jing Yan	Master of Planning (MPLAN)	Application of graph theory in analyzing transit network (completed)	Supervisor (Project only), 2010-2011
Susanne McDonald	Master of Planning (MPLAN)	Elderly travel behaviour of Greater Toronto Area (completed)	Supervisor (Project & RA), 2010-2011

Note: Master of Planning Studies (planning research degree at Dalhousie); MURP, Master of Urban and Regional Planning (research degree at BUET); MPLAN – Master of Planning (project-based degree at Dalhousie); RA (research assistantships offered in the summer and other semesters)

Committee Member for Graduate Students

Philip Vickers	MASc (Civil engineering)	Movement Models for the Angus L. MacDonald Suspension Bridge (Sup.: Dr. Newhook)	External member, 2014
Mehran Fazili	MASc (Industrial engineering)	Physical Internet, Conventional, and Hybrid Logistic Systems: An Optimization Based Comparison (Sup.: Dr. Venkatadri)	External member, 2014
Sasan Esmaeili	MASc (Industrial engineering)	Development of Equipment Failure Pognostic Model based on Logical Analysis of Data (LAD) (Sup. Dr. Ghasemi)	External member, 2012
Joshua Levi	MASc (Civil engineering)	Application of Structural Monitoring in Management Decisions for Lange Infrastructure (Sup.: Dr. Newhook)	External member, 2011

Undergraduate planning thesis supervision

Connor Wallace	BCD (honours)	Transit-oriented Development Concept Plan: West End Halifax (completed)	Supervisor, 2014-2015
Byung Jun Kang	BCD (honours)	Microsimulation Modelling of Transit Priority Measures in Halifax (completed)	Supervisor, 2014-2015
Sara Campbell	BCD (honours)	Performance of the Downtown Halifax Pedway System (completed)	Supervisor, 2014-2015
Matt Blakely	BCD (honours)	Retrofitting Halifax's Mumford Terminal (completed)	Supervisor, 2014-2015
Robert Lee	BCD (honours)	Measuring accessibility to public services in HRM (completed)	Supervisor, 2013-2014

Siobhan Witherbee	BCD (honours)	Housing price analysis in HRM (completed)	Supervisor, 2013-2014
Sidney Starkman	BCD (honours)	Characterizing county-level travel behaviour (completed)	Supervisor, 2013-2014
Alex Irvine	BCD (honours)	ICT and travel choice – a survey design (completed)	Supervisor, 2013-2014
Justin Forbes	BCD (honours)	Modelling bicyclists' injury severity levels (completed)	Supervisor, 2012-2013
Greg Morrison	BCD (honours)	2013 Nova Scotia collision study (completed)	Supervisor, 2012-2013
Justin Hall	BCD (honours)	Evaluation of challenges of collision data collection, monitoring and evaluation (completed)	Supervisor, 2012-2013
Christopher Demaine	BCD (honours)	Halifax Carshare study (completed)	Supervisor, 2011-2012
Caroline King	BCD (honours)	Evaluation of on-street parking-by-permit only program in Halifax Regional Municipality (completed)	Supervisor, 2011-2012
Kourosh Rad	BCD (honours)	Bikeshare feasibility study for Halifax (completed)	Supervisor, 2011-2012
Stephen Otulakowski	BCD (honours)	Spatial distribution of retail development in Halifax (completed)	Supervisor, 2011-2012
Derek Robinson	BCD (honours)	Locating bike parking: a multi-criteria analysis (completed)	Supervisor, 2011-2012

Senior capstone team project advisor (undergraduate, civil engineering)

- “Designing Halifax Downtown Parking Garage” – Suvir Pursnani, Josh Porter, Virgilio De Lara & Nicholas MacDonald (2013)
- “PLATA Trail design” – James Goodwin, Craig Davis, Mohammad Asari & Chris Nickles (2012)

Summer Engineering Co-op

- Dillon Coyle, 4th year Summer co-op student, Natural Science and Engineering Research Council, Undergraduate Research Scholarship Award (URSA) and RA matching fund

PUBLICATIONS

Papers in preparation/under review

Hafezi, M.H., and **Habib, M.A.** (2015), “Synthesizing Individuals and Households for Integrated Urban Models: Multi-Dimensional Population Synthesizer-Based Approach”, *Computers, Environment and Urban Systems* (under review)

Fatmi, M.R. and **Habib, M.A.** (2015), “Modelling Mode Switch Associated with the Change of Residential Location”, *Travel Behaviour and Society*. (under review)

Daisy, N.S., and **Habib, M.A.** (2015), “Determinants of Active Travel and Mode Choice for School Trips in Dhaka City, Bangladesh” *Journal of Transport and Health*. (under review)

Fatmi, M.R., **Habib, M.A.** and Salloum, S.A. (2014), "What Will Travelers Do? Short-term and Long-term Behavioural Changes due to Gasoline Price Spike", *Transportation Research Part A: Policy and Practice*. (under review)

Papers in Refereed Journal

Fatmi, M.R., and **Habib, M.A.** (2015), "Spatial Transferability of a Micro Residential Mobility Model for the Integrated Land Use, Transport and Environment Modeling System", *Transportation Research Record: Journal of the Transportation Research Board* (In press)

Daisy, N.S., and **Habib, M.A.** (2015), "Investigating the Role of Built Environment and Lifestyle Choices in Active Travel for Home Based Weekly Non-Work Trips", *Transportation Research Record: Journal of the Transportation Research Board* (In press)

Forbes, J.J., and **Habib, M.A.** (2015), "Pedestrian Injury Severity Levels in the Halifax Regional Municipality, Canada: A Hierarchical Ordered Probit Modeling Approach", *Transportation Research Record: Journal of the Transportation Research Board* (In press)

Hafezi, M.H., and **Habib, M.A.** (2014), "Synthesizing Population for Microsimulation-Based Integrated Transport Models using Atlantic Canada Micro-Data", *Procedia Computer Science*. Vol. 37, pp. 410-415

Fatmi, M.R., **Habib, M.A.** and Salloum, S.A. (2014), "Modeling Mobility Tool Ownership of the Youth in Toronto: Assessing Trip, Accessibility and Neighborhood Effects", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2413, pp. 92-100

Habib, M.A. and Daisy, N.S. (2013), "Modeling Frequency and Duration of Out-of-home Participation in Physical Activity by School-Age Children", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2357, pp. 116-124

Habib, M.A., Miller, E.J. and Mans, B.T. (2011), "Modeling of Job Mobility and Location Choice Decisions", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2255, pp. 69-78.

Habib, M.A. and Miller, E.J. (2009), "Reference Dependent Residential Location Choice Model within a Relocation Context", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2133, pp. 92-99

Habib, M.A. and Miller, E.J. (2008), "Influence of Transportation Access and Market Dynamics on Property Values: Multilevel Spatio-Temporal Models of Housing Price", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2076, pp. 183-191

Peer-reviewed Papers in conference proceedings

Daisy, N.S., and **Habib, M.A.** (2015), "A Pseudo Panel Investigation of Out-of-Home Discretionary Activity Participation", Published in the peer-reviewed proceedings the 94th Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 11-15

Megenbir, L.E., and **Habib, M.A.** (2015), "Estimating Fuel Consumption and Vehicle Emissions from Multi-Year Travel Survey Data", Published in the peer-reviewed proceedings the 94th Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 11-15

Khan, N.A., **Habib, M.A.**, and Witherbee, S.C., (2015), "Modeling Modal Shift of Cyclists and Pedestrians, and Preference of Alternative Services during Temporary Closure of the Macdonald Bridge in Halifax, Canada", Published in the peer-reviewed proceedings the 94th Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 11-15

Irin, S., and **Habib, M.A.** (2015), "Estimation of Link-Based Emission for a Truck Route in the Downtown Halifax, Canada", Published in the peer-reviewed proceedings the 94th Annual

Meetings of Transportation Research Board (TRB), Washington D.C. January 11-15

Hafezi, M.H., and **Habib, M.A.** (2015), "Synthesizing Population for Agent-Based Microsimulation Modeling in Atlantic Canada", Published in the peer-reviewed proceedings the 94th Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 11-15

Rahman, M. and **Habib, M.A.** (2014), "Transit Demand Forecasting Model for HRM", Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Daisy, N.S. and **Habib, M.A.** (2014), "Built Environment, Lifestyle Choices and Active Transportation: Evidence from Halifax Regional Municipality, NS, Canada", Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Khan, N.A. and **Habib, M.A.** (2014), "Temporary Closure of the Macdonald Bridge in Halifax: Modeling Mode Shift Behaviour of Cyclists and Pedestrians". Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Forbes, J.J. and **Habib, M.A.** (2014), "An Ordered Response Model for Examining Pedestrian Injury Severity in Halifax Regional Municipality (HRM)", Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Fatmi, M.R. and **Habib, M.A.** (2014), "A Hazard Based Modeling Approach for Residential Mobility Decisions", Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Irin, S. and **Habib, M.A.** (2014), "Estimation of Accessibility Measures for Service Destinations in Halifax, Canada", Published in the peer-reviewed proceedings of the CSCE 10th International Transportation Specialty Conference. Halifax, NS, May, 28-31.

Habib, M.A. and Forbes, J. (2014) "Modeling Bicyclists' Injury Severity Levels in the Province of Nova Scotia, Canada using a Generalized Ordered Probit Structure", Refereed proceedings of the 93rd Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 12-16

Daisy, N.S. and **Habib, M.A.** (2014) "Investigation of Mode Choice Behavior for School Trips in Dhaka City, Bangladesh: Random Parameter Logit Model Application", Refereed proceedings of the 93rd Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 12-16

Fatmi, M. and **Habib, M.A.** (2014) "Travel Behavior of Car Share Members in Halifax, Canada: Modeling Trip Purpose in case of the Use of Car Share Services and Mode Choice in absence of the Service", Refereed proceedings of the 93rd Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 12-16

Habib, M.A., Shaw, N. and Peterlin, M. (2013), "Examining the Anticipated Integration of Bikeshare with Travel Modes", Refereed proceedings of the 92nd Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 13-17

Clarke, C. and **Habib, M.A.** (2010), "Evaluation of Multi-Modal Transportation Strategies during Emergency Evacuations", Published in the peer-reviewed proceedings of the 2010 Annual Conference of Transportation Association of Canada (TAC), Halifax, NS, September 26-29

Habib, M.A. and Miller, E.J (2008), "Microsimulating Residential Mobility and Spatial Search Behaviour: Estimation of Continuous-time Hazard and Discrete-time Panel Logit Models for Residential Mobility", Refereed proceedings of the 87th Annual Meeting of Transportation Research Board (TRB), Washington D.C., January 13-17

Habib, M.A. and Miller, E.J. (2007), "Microbehavioural Location Choice Process: Estimation of a Random Parameter Model for Residential Mobility", Refereed proceedings of the 11th World Conference on Transport Research (WCTR), Berkeley, California, June 24-28

Book Chapter (peer reviewed)

Hatzopoulou, M., **Habib M.A.** and Lee-Gosselin M. (2013), "Game Changers in Travel Behaviour", In *Travel Behaviour Research: Current Foundations, Future Prospects* (eds. M.J. Roorda and E.J. Miller) International Association of Travel Behaviour Research (IATBR), Toronto, Chapter 15, pp. 347-367.

Selected conference papers (peer reviewed abstract/extended abstract)

Fatmi, M.R. and **Habib, M.A.** (2015), "A Longitudinal Investigation of Residential Location Choice: Fuzzy Logic-Based Choice Set Generation and Panel Location Choice Models" Presented in the International Choice Modelling Conference 2015, Austin, TX, May 10-13

Hafezi, M.H. and **Habib, M.A.** (2014), "Optimization Model of Bus Travel Time with Stop-skipping Scheme", Published in the proceedings of the 49th Annual Conference Canadian Transportation Research Forum, Windsor, ON, June 1-4, 2014

Forbes, J.J. and **Habib, M.A.** (2014), "Investigation of Pedestrian Injury Severity Levels in the Halifax Regional Municipality", Published in the proceedings 49th Annual Conference Canadian Transportation Research Forum, Windsor, ON, June 1-4, 2014

Shaw, N., **Habib, M.A.** and Siabanis, N. (2013), "Modeling Residential Location of the Elderly Population in the Greater Toronto and Hamilton Area, Canada", Published in the proceedings 48th Annual Conference of Canadian Transportation Research Forum, Windsor, ON, June 1-4, 2014

Habib, M.A., Siabanis, N., and Stone, S. (2014), "Share the Road Nova Scotia, Developing a Multi-platform Social Marketing Engagement Strategy", Presented in the 93rd Annual Meetings of Transportation Research Board (TRB), Washington D.C. January 12-16

Forbes, J.J. and **Habib, M.A.** (2013), "Modelling Bicyclists' Injury Severity Levels in the Province of Nova Scotia", Presented in the 60th Annual North American Meeting of the Regional Science Association International, Atlanta, GA, November 13-16

Stone, S. and **Habib, M.A.** (2013), "Estimation of Social Indicators of Sustainable Transportation using Time Use data" Presented in the 60th Annual North American Meeting of the Regional Science Association International, Atlanta, GA, November 13-16

Salloum, S. and **Habib, M.A.** (2013), "Travel Behaviour of Dalhousie University Commuters: A Descriptive and Comparative Analysis of Commuter Patterns from 2009 to 2012" Presented in the 60th Annual North American Meeting of the Regional Science Association International, Atlanta, GA, November 13-16

Fatmi, M.R. and **Habib, M.A.** (2013), "Modelling Travel Behaviour of Car Share Members in Halifax, Canada" Presented in the 60th Annual North American Meeting of the Regional Science Association International, Atlanta, GA, November 13-16

Daisy, N.S. and **Habib, M.A.** (2013), "Modelling Factors affecting Mode Choice Behaviour for School Trips and Non-school Trips in Dhaka City, Bangladesh", Presented in the 13th World Conference on Transportation Research, Rio de Janeiro, Brazil, July 15-18

Shaw, N. and **Habib, M.A.** (2012), "Examining Factors Affecting Residential Location and Mobility Tool Ownership of the Elderly", Presented in the 59th Annual North American Meeting of the Regional Science Association International, Ottawa, ON, November 7-10

Peterlin, M. and **Habib, M.A.** (2012), "Examining the Effects of Attitudes and Lifestyle Choices on Travel Behaviour", Presented in the 59th Annual North American Meeting of the

Regional Science Association International, Ottawa, ON, November 7-10

Leckovic, K. and **Habib, M.A.** (2011), "The Role of Public Transit in Mass Evacuations: A Case Study of Halifax, Nova Scotia, Canada", Presented in the 58th Annual North American Meeting of the Regional Science Association International, Florida, USA, November 9-12

Richardson, D. and **Habib, M.A.** (2011), "Evaluation of Transit Alternatives for the Bedford-Halifax Corridor: A Stated Preference Study", Presented in the 58th Annual North American Meeting of the Regional Science Association International, Florida, USA, November 9-12

Habib, M.A., Richardson, D., Leckovic, K., and Haj-Issa, L. (2011), "Planning for Inclusive Transportation: Issues, Challenges and Opportunities for New Immigrants". Presented in the 58th Annual North American Meeting of the Regional Science Association International, Florida, USA, November 9-12

MacDonald, S. and **Habib, M.A.** (2010) "Elderly vs. Non-Elderly Travel Behaviour: How Different Are They?" Presented in the 57th Annual North American Meeting of the Regional Science Association International, Denver, USA, November 10-13

Habib, M.A., Miller, E.J. and Mans, B.T. (2010), "Modeling Persons' Job Mobility and Location Choice Decisions for an Integrated Land Use and Transportation Modeling System", Presented in the 12th World Conference on Transportation Research, Lisbon, Portugal, July 11-15

Miller, E.J., **Habib, M.A.**, Farooq, B. and Hatzopoulou, M. (2009), "Integrated Urban Modeling for Integrated Urban Planning", Presented in the 1st Annual International Conference on Transportation and Logistics (TRANSLOG), Hamilton, Canada, June 17-18

Miller, E.J., Farooq, B., and **Habib, M.A.** (2009), "A Microsimulation Housing Market Clearing Model", Presented in the 12th International Conference on Travel Behaviour Research, Jaipur, India, December 13-18

Habib, M.A. and Miller, E.J. (2009), "Microsimulating Housing Demand", Presented in the 12th International Conference on Travel Behaviour Research, Jaipur, India, December 13-18

Habib, M.A., Farooq, B., and Miller, E.J. (2008), "A Microsimulation Model of Residential Location Processes", Presented in the 55th Annual North American Meeting of the Regional Science Association International, New York, USA, November 19-22

Farooq, B., **Habib, M.A.**, Miller, E.J. and Haider, M. (2008), "Dynamic Microsimulation of Housing Market for the Greater Toronto Area within the Integrated Land Use, Transport and the Environment (ILUTE) framework", Presented in the 55th Annual North American Meeting of the Regional Science Association International, New York, USA, November 19-22

Habib, M.A., Miller, E.J., Farooq, B. (2008), "A Residential Location Choice Model for the Greater Toronto Area", Presented in the 55th Annual North American Meeting of the Regional Science Association International, New York, USA, November 19-22

Habib, M.A. and Miller, E.J. (2007), "Investigating Spatial Dwelling Search Duration applying Frailty Models and Modeling Frequency of Vacancy Visit using Ordered Probit Models", Presented in the 54th Annual North American Meeting of the Regional Science Association International, Savannah, Georgia, November 08-11

Habib, M.A. and Miller, E.J. (2007), "Modeling Time-on-the-Market of Residential Properties and Influence of Duration on the Property Selling Price", Presented in the 54th Annual North American Meeting of the Regional Science Association International, Savannah, Georgia, November 08-11

Habib, M.A. and Miller, E.J. (2007), "Estimating Multilevel Housing Price Model to account for Spatial and Temporal Heterogeneity", Presented in the 54th Annual North American Meeting of the Regional Science Association International, Savannah, Georgia, Nov. 08-11

Habib, M.A. and Miller, E.J. (2007), "Residential Mobility and Spatial Search Behaviour: Evidence from the Greater Toronto Area", Presented in the 6th Triennial Symposium on

Transportation Analysis (TRISTAN VI), Phuket Island, Thailand, June 10-15

Habib, M.A. and Miller, E.J. (2006), "Stressor-based Binary Choice Panel Data Model Estimation of Residential Mobility Decisions for Integrated Land Use and Transportation Modeling Systems", Presented in the 53rd Annual North American Meeting of the Regional Science Association International, Toronto, Canada, November 16-18

Habib, M.A. and DiFrancesco, R.J. (2005), "Application of Input-Output Techniques in Freight Transportation Modeling", Presented in the 52nd Annual North American Meeting of the Regional Science Association International, Las Vegas, Nevada, November 9-12

Habib, M.A. and Miller, E.J. (2005), "Dynamic Residential Mobility Decision Choice Model in ILUTE Framework", Presented in the 52nd Annual North American Meeting of the Regional Science Association International, Las Vegas, Nevada, November 9-12

Habib, M.A., Ferdous, F. and Maniruzzaman, K.M. (2005), "Examining Impacts of Transportation on Residential Property Values using Geographical Information System: A Hedonic Price Model Approach", Published in the Proceedings of the 40th Annual Conference of Canadian Transportation Research Forum (CTRF), Hamilton, Canada, pp. 14-28

Habib, M.A. and Nabi, A.S.M.M.U. (2003), "Impacts of Land Use and Transportation System on Urban Form and Structure of Dhaka City", Published in the proceedings of the International Seminar on Architecture: Overcoming Constraints, Dhaka, Bangladesh, June 11-13, pp 167-176

Encyclopedia Entry

Habib, M.A. (2013), "Impact of Transit on Quality of Life", *Encyclopedia of Quality of Life Research*, Springer, February, 2013

Technical Reports (selected)

Habib, M.A. "Nova Scotia Baseline Indicators – Transportation Data and Modelling", Dalhousie Transportation Collaboratory (DalTRAC) Progress report Vol.1 (NS Department of Energy), Halifax, March 2014 (155 pages)

Forbes, J. and **Habib, M.A.** "Nova Scotia Collision Study 2007-2011", Technical Report, Dalhousie Transportation Collaboratory (DalTRAC), Halifax, February 2014 (30 pages)

Megenbir, L., **Habib, M.A.** and Salloum, S. "Travel Behaviour of Dalhousie University Commuters 2013, A Multi-year Comparative Study (2009-2013)", Technical Report, Dalhousie Transportation Collaboratory (DalTRAC), Halifax, June 2014 (78 pages)

Megenbir, L., Daisy, N., Forbes, J., Irin, S. and **Habib, M.A.** "An Analysis of Dalhousie Sustainability Survey 2013 and Comparison to 2009, 2010, 2011 and 2012 Commuter Survey", Technical Report, Dalhousie Transportation Collaboratory (DalTRAC), Halifax, February 2014 (78 pages)

Habib, M.A. "Travel Behavior Modeling and Analysis – Transportation Data and Modelling", DalTRAC Progress report Vol.2 (NS Department of Energy), Halifax, March 2014 (196 pages)

Habib, M.A. "Community-based "Share the Road" Awareness Campaign Program for Nova Scotians", Final report (Nova Scotia MOVES), Halifax, March 2014 (183 pages)

Peterlin, M. and **Habib, M.A.** "Examining the Effects of Attitudes and Lifestyle Choices on Travel Behaviour in the Halifax Regional Municipality", Technical report (Clean Nova Scotia Foundation), Halifax, April 2013 (85 pages)

Stephanie, S. and **Habib, M.A.** "Travel Behaviour of Dalhousie University Commuters -A Comparative Analysis of Dalhousie Sustainability Surveys 2009-2012", Technical report (Dal Office of Sustainability), Halifax, August 2013 (82 pages)

Baglo, K., **Habib, M.A.** and Peterlin, M. "Share the Road: Improving Road Safety for all Users

in Nova Scotia", Technical report, DalTRAC, Halifax, August 2013 (81 pages)

Heffernan, S. and **Habib, M.A.** "*Investigating the Influence of Long-term Decisions on Transportation Choices and Travel Behaviour in the Halifax Regional Municipality*", Technical report (Clean Nova Scotia Foundation), Halifax, December 2013 (108 pages)

Richardson, D., **Habib, M.A.**, and Peterlin, M. "*Travel Behaviour of Dalhousie University Commuters: A Comparative Analysis using Dalhousie Sustainability Survey 2009, 2010 and 2011*", Technical report (Dal Office of Sustainability), Halifax, September 2012 (61 pages)

Habib, M.A., Richardson, D., Leckovic, K., and Haj-Issa, L. "*Planning for Inclusive Transportation: Issues, Challenges and Opportunities for New Immigrants*". Technical report (Atlantic Metropolis Centre), Halifax, January 2012 (116 pages)

Habib, M.A., Richardson, D., Leckovic, K. "*Travel Behaviour Study of Commuters: Results from the 2010 Dalhousie University Sustainability Survey*" Technical report (Dal Office of Sustainability), Halifax, December 2011 (58 pages)

CEU and **Habib, M.A.** "*Exploring Public Transit for the Region of Queens Municipality: Needs Assessment, Feasibility Study and Pilot Project Delivery*", Project report (Ecology Action Centre and the Council of RQM), Halifax, 2011

Miller, E.J., Farooq, B., **Habib, M.A.** "*Microsimulating Spatial Markets: Conceptual Design and Implementation of a Housing Market Model*", Volume V, Development of an Operational Integrated Urban Model System, Urban Transportation Research and Advancement Centre, University of Toronto, December 2008

Miller, E.J., Chingcuanco, F., Farooq, B., Habib, K.M.N., **Habib, M.A.** "*Demographic and Labour Market Updating*", Volume IV, Development of an Operational Integrated Urban Model System, Urban Transportation Research and Advancement Centre, University of Toronto, December 2008

DISSERTATION

PhD Thesis (2009): "Microsimulating Residential Mobility and Location Processes for an Integrated Land Use and Transportation Modeling System", Department of Civil Engineering, University of Toronto

Supervisor: Professor Eric J. Miller (Civil Engineering, University of Toronto)

Committee members: Professor Amer Shalaby, Professor Mathew Roorda (Civil Engineering, University of Toronto); Professor Richard DiFrancesco (Geography and Planning, University of Toronto), and Professor Paul Waddell (External, University of California, Berkeley)

INVITED KEY LECTURE/PRESENTATION

Habib, M.A. "Travel Demand, Energy Use and Our Future in Nova Scotia: A Framework for a Comprehensive Monitoring and Modelling Approach", Invited speaker, Nova Scotia Energy R&D Conference, Halifax, May 21-22, 2014

Habib, M.A. "Critical Challenges in Transportation: Past, Present and Future", Keynote panel speaker, TAC 100th anniversary celebration, Cross-country Transportation 2014 lecture tour, Halifax March 19, 2014

Habib, M.A. "Transportation Data and Modelling Centre for Sustainable Transportation Planning, Invited speaker, 4th Annual Road Safety Conference, Halifax, March 19, 2013

Habib, M.A. "Game Changers in Travel Behaviour", Plenary speaker, Closing Ceremony, 13th International Conference on Travel Behavior Research, Toronto, ON, July 15-20, 2012

Habib, M.A. "Applications of Intelligent Transportation System (ITS) and Future Proof Technologies for Transportation Management and Planning", Invited speaker, Professional Development Program (for credit), Licensed Professional Planners Association of Nova

Scotia (LPPANS), July 2011

Habib, M.A. “Introduction to ILUTE Modeling System”, Invited speaker, Meeting of Professional Engineers Ontario (PEO), North Toronto Chapter, October 24, 2007

PROFESSIONAL CONFERENCE PRESENTATIONS

Habib, M.A. “Transport and Mobility: How can we Track Progress in Sustainable Transportation and Influence People’s Travel Behaviour?” Panel presenter, 2014 CIP/API Annual Conference – People Matter! Fredericton, NB, July 9-12, 2014.

Siabanis, N., Stone, S. and **Habib, M.A.** “Thumbs Up! Share the Road Nova Scotia”, 2013 CIP/API Annual Conference, Charlottetown, PEI, October 2-4, 2013

Habib, M.A. “Developing a Transportation Research Program through the DalTRAC Project”, Invited presentation, Institute of Transportation Engineers (ITE) Atlantic Provinces Spring 2012 Meeting, May 10, 2012

PUBLIC PRESENTATIONS

Habib, M.A. “Sustainable Transportation Indicators: Progress Report of Nova Scotia Transportation Data and Modeling Centre” Presentation to the Provincial Committee, NS Department of Energy, Halifax, July 29, 2014

Habib, M.A. “Dalhousie Transportation Collaboratory: Fostering a Multidisciplinary Transport Research Agenda”, Plan Out Loud Lunch Lecture, Dalhousie School of Planning, Halifax, April 9, 2013

Habib, M.A. “Share the Road for Nova Scotians: Updates on Research and Consultation”, Nova Scotia Road Safety Advisory Committee meeting, Halifax, March 6, 2013

Habib, M.A. “Share the Road for Nova Scotians: Developing a Road-safety Research Stream within DalTRAC”, Invited presentation, Road Safety Advisory Committee Meeting, Department of Transportation and Infrastructure Renewal, Halifax, September 6, 2012

Habib, M.A. “Overview of the DalTRAC Research Program”, Invited presentation, Inter-departmental Committee Meeting, Department of Health and Wellness, Province of Nova Scotia, August 8, 2012

Habib, M.A. “Halifax Transit Network Design”, Keynote speaker (day 2), Its More Than Buses event, Planning and Design Centre and Fusion Halifax, 2011

Habib, M.A. “Pulling it all Together - Public Transport Synergy for Atlantic Canada”, Panel speaker, Annual General Meeting (AGM), Transport Action Atlantic, Dartmouth, NS, May 14, 2011

Habib, M.A. “Travel Behaviour and Travel Demand Forecasting for Sustainable Transportation Planning”, Invited presenter, Halifax Regional Municipality Workshop, Alderney Gate, NS, August 27, 2010

Habib, M.A. “Microsimulating Spatial Markets”, Transportation Seminar, Urban Transportation Research and Advancement Centre, University of Toronto, March 9, 2009

MEDIA INTERVIEW/APPEARENCES (SELECTED)

- CTV News Interview on elderly pedestrian crossing, September 11, 2014
- CTV News Interview on cross safety, September 10, 2014
- CTV News one-on-one Live Interview with Steve Murphy, February 28, 2014
- Halifax Magazine, Big Ideas: DalTRAC research, March 2014

- Global News, Collision study, January 22, 2014
- Global News, crosswalk safety, December 13, 2013
- CTV News, Crosswalk Collision (Vehicle-pedestrian collision), December 6, 2013
- CBC News, Share The Road campaign, November 21, 2013
- Radio interviews on Zipper Merging on highways (July 2013), CBC radio stations, Halifax - Mainstreet (Stephanie Domet - host); Windsor -- The Bridge (Bob Steele - host); St. John's -- On the Go (Ted Blades - host); Edmonton -- Radio Active (Portia Clark - host); Calgary -- Homestretch (Doug Dirks- Host); Charlottetown –Main street PEI (Karen Mair - host); Toronto -- Here and Now; New Brunswick -- Shift; Vancouver -- On the Coast (Stephen Quinn - host); Subbury -- Points North (Jason Turnbull - host)
- Global TV 6 o'clock news (TV), Interview on transit in Halifax, May, 2011
- CBC radio: Interview "Its More Than Buses" event, July 19, 2011
- Radio 95.7: Interview on "Its More Than Buses" event (July 19, 2011)
- Halifax Magazine (Newspaper), Interview- intersection design, 2010
- The Advance (Newspaper), Queens Municipality project featured, March 14, 2011

ACADEMIC SERVICES

University-level

Senator, Dalhousie University Senate, July 2013 - June 2016

Member, Senate Planning and Governance Committee (SPGC), September 2014 – 2017 (nominated)

Senate Representative, Transportation Demand Management and Security Committee, Dalhousie University, January 1, 2012 - present

Member, Senate Standing Committee (Teaching and Learning), Dalhousie University, Halifax, NS, 2011–2012

Faculty-level

Member, Tenure and Promotion Committee, Faculty of Architecture and Planning, 2014-present

Member, Organizing Committee, Faculty of Architecture and Planning Strategic Plan, 2012-2013

Member, Faculty Research Advisory ad-hoc Committee, Faculty of Architecture and Planning, 2011-2012

Member, Faculty Council, Faculty of Architecture and Planning, 2010-present

School-level

Graduate Coordinator, Faculty of Graduate Studies, January 2014 - present

Search Committee Chair, Tenure-track Assistant Professor position, School of Planning, April, 2013 - March 2014

Search Committee Chair, School of Planning Director search, January - November, 2013

Search Committee Chair, Limited-term Instructor position, School of Planning, January - July, 2013

Search Committee Member, School of Planning Director Search, 2012

Member, School of Planning Committee, Dalhousie University, Halifax, NS, 2010–Present

Member, Graduate Curriculum Committee, School of Planning, Dalhousie University, Halifax, NS, 2011–Present

Member, Undergraduate Curriculum Committee, School of Planning, Dalhousie University, Halifax, NS, 2010–2011

Member, Board of Undergraduate Studies (BUGS), Department of Urban and Regional Planning, Bangladesh University of Engineering and Technology (BUET), Dhaka, 2002–2004

SERVICES TO THE RESEARCH ORGANIZATIONS

Contributions to Societies/Organizations

External Reviewer, NSERC Discovery Grant 2013-2014

Session Moderator, In 2014 World Symposium for Transport and Land Use Research, Delft, the Netherlands, June 24-27, 2014

Member, Transportation Research Board committee ADB 20: Effects of Information and Communication Technologies (ICT) on Travel Choices, July 2013 – April 2016

Session Chair, In 13th World Conference on Transportation Research, Rio de Janeiro, Brazil, July 15-18, 2013

Member, Conference Organizing Committee, The 13th International Conference on Travel Behavior Research, Toronto, ON, July 15-20, 2012, International Association of Travel Behavior Research (IATBR)

Workshop Co-chair and Organizer, Workshop Session 5: Idea Café – Game Changers in Travel Behavior, The 13th International Conference on Travel Behavior Research, Toronto, ON, July 15-20, 2012, International Association of Travel Behavior Research (IATBR)

Session Chair and Discussant, Annual North American Meeting of the Regional Science Association International, 2005-2008

Peer Review Activities (selected)

- Reviewer of *Transportation Research Record: Journal of the Transportation Research Board*, and conference papers of the Annual Meetings of Transportation Research Board (TRB), National Research Council, Washington D.C. 2005-present
- Reviewer of the journal *Transportation*
- Reviewer of the journal *Transportation Letters*
- Reviewer of the *Journal of Transport and Land Use*
- Reviewer of the journal *Transportation Research Part B: Methodological*
- Reviewer of journal *Canadian Journal of Civil Engineering*, 2014
- Reviewer of, CSCE 10th International Transportation Specialty Conference, Halifax, NS, 2014
- Reviewer of the *Journal of Advanced Transportation*
- Reviewer of paper abstract submitted in the the 13th International Conference on Travel Behavior Research, Toronto, ON, 2012 (*12 paper abstracts*)
- Book manuscript reviewer, UBC University Press, Canada, 2010

SERVICES TO THE COMMUNITY/OTHER

- Member, Crosswalk Safety Advisory Committee, Halifax Regional Municipality Council, 2013-present
- Contributor, 2014 Active Transportation Policy Framework (led by the Nova Scotia Department of Health and Wellness, Province of Nova Scotia), 2013 – present
- Contributor, 2013 Sustainable Transportation Strategy (led by the Department of Energy, Province of Nova Scotia in partnership with the NS Department of Energy, Department of Environment, Department of Health and Wellness, and Department of Transportation and Infrastructure Renewal), 2012 – present
- Contributor, Halifax Regional Municipality Crosswalk Safety Recommendation Report (with the HRM Crosswalk Safety Advisory Committee), 2013 – 2014
- Contributor, HRM Mobility Group for Regional Plan Review (in collaboration with the HRM Alliance, Planning and Design Centre, Clean NS, CarShareHFX, Ecology Action Centre, 2012-2013
- Member, Transportation Issues Committee, Ecology Action Center, NS, 2011- present
- Contributor, Its More Than Buses Event, Planning and Design Centre and Fusion Halifax, 2011
- Member, Sustainable Transportation Task Force, Halifax, NS, 2010 – 2013

MEMBERSHIPS AND AFFILIATIONS

Provisional Member, Canadian Institute of Planners (CIP)

Member, Institute of Transportation Engineers (ITE), Canada

Member, International Association of Travel Behaviour Research (IATBR)

Member, World Transportation Research Forum (WCTR)

Affiliate Member, Transportation Research Board (TRB)

Member, Canadian Society for Civil Engineering (CSCE)

Member, North American Regional Science Council (NARSC)

Member, Canadian Transportation Research Forum (CTRF)

Member, Bangladesh Institute of Planners (BIP)