

CURRICULUM VITAE

Ahmed M. El-Geneidy

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Current Positions

Professor, School of Urban Planning **McGill University, Canada**, *January 2018 – Present***

Editor, The Journal of Transport and Land use, *April 2012 - Present*

Board Member, administration de l'autorité régionale de transport métropolitain (ARTM), *March 2017 – Present*

Member, Comité chargé de la qualité des services aux usagers de transport collectif (ARTM), *March 2017 – Present*

Chair, World Society on Transport and Land Use Research (WSTLUR), *2018 - Present*

Member, Centre Interuniversitaire de Recherche sur les Réseaux d'Entreprise, la Logistique et le Transport pour le Québec, le Canada et le monde (**CIRRELT**), *April 2008 – Present*

Academic Background

Ph.D., Urban Studies

September 2001 – June 2005

Nohad A. Toulou School of Urban Studies and Planning, Portland State University, USA.

Graduate GIS Certificate

April 2005

Graduate Certificate in Geographic Information System, Portland State University, USA.

M.Sc., Architectural Engineering

September 1997 – November 2000

Department of Architectural Engineering, Alexandria University, Egypt.

B.Sc., Architectural Engineering

September 1992 – June 1997

Department of Architectural Engineering, Alexandria University, Egypt.

Research Interests

Measurements of Accessibility, Land-use and Transportation Planning, Applications of GIS in Land-use and Transportation Planning, Public Transit Planning and Operations, Intelligent Transportation Systems, Non-Motorized Mobility and Behavior, Equity in Transport Planning, and Measuring the Transportation Needs for Seniors and Disadvantaged Population.

Teaching Interests

Transportation Planning and Policy, Land-use and Transportation Planning, Intelligent Transportation Systems, Public Transit Planning and Operations, Introductory and Advanced Applications of Geographic Information Systems (GIS) in planning, Applied Statistics for Planners, and Planning Methods.

Employment History

Academic Jobs

Associate Professor , School of Urban Planning McGill University , Canada	<i>June 2012 – December 2017</i>
Assistant Professor , School of Urban Planning McGill University , Canada	<i>August 2007 – May 2012</i> <i>Early Tenure</i>
Post-Doctoral Research Fellow, Department of Civil Engineering University of Minnesota , USA, supervisor Prof. David M. Levinson	<i>June 2005 – July 2007</i>
Post-Doctoral Research Fellow, Hubert H. Humphrey Institute of Public Affairs University of Minnesota , USA, supervisor Prof. Kevin J. Krizek	<i>June 2005 – July 2007</i>
Graduate Research Assistant, Center for Urban Studies Portland State University , USA, supervisor Prof. James Strathman	<i>October 2001 – June 2005</i>
Graduate Research Assistant, ITS laboratory Portland State University , USA, supervisor Prof. Robert L. Bertini	<i>December 2001 – June 2005</i>
Assistant lecturer, Department of Architectural Engineering Alexandria University , Egypt	<i>December 2000 – October 2001</i>
Demonstrator, Department of Architectural Engineering Alexandria University , Egypt	<i>September 1997 – December 2000</i>

Professional Jobs

Architect, Interior Designer, Contractor and Computer Drafter Gamal Samaan Architects and Planners , Alexandria Egypt	<i>July 1997 – June 2001</i>
Planner and Computer Drafter Azab & Ayad Architects , Alexandria Egypt	<i>Summer 2000</i>
Architect, Interior Designer, and Construction Engineer Talaat Mostafa Group, Alexandria for Constructions , Alexandria, Egypt	<i>1998 – 1999</i>

Student Training

Construction Engineer and Computer Drafter Awad and Partners , Alexandria, Egypt	<i>Summer 1995 and 1996</i>
Computer Drafter Architectural Consulting Est. Alexandria, Egypt	<i>Summer 1994</i>
Administrative Assistant Banna Design , Alexandria, Egypt	<i>Summer 1993</i>

PhD Dissertation

The use of advanced information technology in urban public transportation systems: An evaluation of bus stop consolidation policy. Portland State University, USA (2005).

Committee: James G. Strathman (chair), Kenneth J. Dueker, Anthony M. Rufolo, and Thomas J. Kimpel.

Masters Thesis

Intelligent transportation systems: A decision support system. Alexandria University, Egypt (2000).

Committee: Nadia S. El-Baghdady (chair), Yousry A. Azzam and Hany A. Ayad.

Refereed Publications

* Denotes Graduate or Undergraduate Student

Articles in Refereed Journals

1. *Grisé, E., & El-Geneidy, A. (accepted). Where is the happy transit rider? Evaluating satisfaction with regional rail service using a spatial segmentation approach. *Transportation Research Part A: Policy and Practice*.
2. *Grisé, E., *Boisjoly, G., *Maguire, M., & El-Geneidy, A. (accepted). Elevating access: Comparing accessibility to jobs by public transport for individuals with and without a physical disability. *Transportation Research Part A: Policy and Practice*.
3. *van Lierop, D., & El-Geneidy, A. (accepted). Public image: Determining the effects of users' image of public transit on loyalty. *Public Transport: Planning and Operations*.
4. *Boisjoly, G., Wasfi, R., & El-Geneidy, A. (2018). How much is enough? Assessing the influence of neighborhood walkability on undertaking 10-minute walks. *Journal of Transport and Land Use*.
5. *Grisé, E., & El-Geneidy, A. (2018). If we build it, who will benefit? A multi-criteria analysis for the prioritization of new bicycle lanes in Quebec City, Canada. *Journal of Transport and Land Use*.
6. *van Lierop, D., Badami, M., & El-Geneidy, A. (2018). What influences satisfaction and loyalty in public transit? A critical review of the literature. *Transport Reviews*, 38(1), 52-72.
7. *Veillette, M., *Grisé, E., & El-Geneidy, A. (2018). Park 'n' Roll: Identifying and prioritizing locations for new bicycle parking in Quebec City, Canada. *Transportation Research Record*.
8. *Veillette, M., Wasfi, R., Ross, N., & El-Geneidy, A. (2018). Small steps, big differences: Assessing the validity of using home and work locations to estimate walking distances to transit. *Transportation Research Record*.
9. *Boisjoly, G., & El-Geneidy, A. (2017). The insider: A planners' perspective on accessibility. *Transport Geography*, 64, 33-43.
10. *Boisjoly, G., & El-Geneidy, A. (2017). How to get there? A critical assessment of accessibility objectives and indicators in metropolitan transportation plans. *Transport Policy*, 55, 38-50.

11. *Boisjoly, G., Moreno-Monroy, A., & El-Geneidy, A. (2017). Informality and accessibility to jobs by public transit: Evidence from the São Paulo Metropolitan Region. *Transport Geography*, 64, 89-96.
12. Diab, E., *van Lierop, D., & El-Geneidy (2017). Recommending Transit: Disentangling users' willingness to recommend transit and their intended continued use for publication. *Travel Behaviour and Society*, 6, 1-9.
13. El-Geneidy, A., *van Lierop, D., *Grisé, E., *Boisjoly, G., *Swallow, D., *Fordham, L., & *Herrmann, T. (2017). Get on board: Assessing an all-door boarding pilot project in Montreal, Canada. *Transportation Research Part A: Policy and Practice*, 99, 114–124.
14. *Fordham, L., *Grisé, E., & El-Geneidy, A. (2017). When I'm 64: Assessing generational differences in public transit use among seniors in Montreal, Canada. *Transportation Research Record (2651)*, 31-41.
15. *Grisé, E., & El-Geneidy, A. (2017). Evaluating the relationship between socially (dis)advantaged neighbourhoods and customer satisfaction of bus service in London, U.K. *Transport Geography*, 58, 166-175.
16. *Grisé, E., & El-Geneidy, A. (2017). Identifying the bias: Evaluating the effectiveness of automatic data collection methods in estimating the details of bus dwell time. *Transportation Research Record*, 2647, 33-40.
17. *Herrmann, T., *Boisjoly, G., Ross, N., & El-Geneidy A. (2017). The missing Middle: Filling the gap between walkability and observed walking behavior. *Transportation Research Record*, (2661), 103-110.
18. *van Lierop, D., & El-Geneidy, A. (2017). A new segmentation approach: Evidence from two Canadian cities. *Journal of Public Transportation*, 20 (1), 20-43.
19. *van Lierop, D., & El-Geneidy, A. (2017). Perceived reality: Understanding the relationship between reported customer satisfaction and operational characteristics. *Transportation Research Record*, (2652), 87-97.
20. *van Lierop, D., Maat, K., & El-Geneidy, A. (2017). Talking TOD: Learning about Transit-Oriented Development in the United States, Canada, and the Netherlands. *Journal of Urbanism*, 10(1), 49-62.
21. *Loong, C., *van Lierop, D., & El-Geneidy A. (2017). On time and ready to go: An analysis of commuters' punctuality and energy levels at work or school. *Transportation Research Part F: Traffic Psychology and Behaviour*, 45, 1-13.
22. *Loong, C., *van Lierop, D., & El-Geneidy A. (2017). The path of least resistance: Identifying supporters of public and active transportation projects. *Transportation Research Record*, (2666), 94–102.
23. Manaugh, K., *Boisjoly, G., & El-Geneidy, A. (2017). Overcoming barriers to active transportation: A mixed methods approach to understanding reasons for not cycling. *Transportation*, 44(4), 871-884.

24. *Verbich, D., Badami, M., & El-Geneidy, A. (2017). Bang for the buck: Toward a rapid assessment of public transit from multiple perspectives in North American cities. *Transport Policy*, 55, 51-61.
25. *Verbich, D., & El-Geneidy, A. (2017). Are the transit fares fair? Public transit fare structures and social vulnerability in Montreal, Canada. *Transportation Research Part A: Policy and Practice*, 96, 43-53.
26. *Wexler, M., & El-Geneidy, A. (2017). Keep 'em separated: A desire lines analysis of bidirectional cycle tracks in Montreal, Canada. *Transportation Research Record*, (2662)102-115.
27. *Boisjoly, G., & El-Geneidy, A. (2016). Daily fluctuations in transit and jobs availability: A comparative assessment of time-sensitive accessibility measures. *Journal of Transport Geography*, 52, 73–81.
28. El-Geneidy, A., Buliung, R., *Diab, E., *van Lierop, *Langlois, M., & *Legrain, A. (2016). Non-stop equity: Assessing transit accessibility and social disparity over time. *Environment and Planning B: Planning and Design*, 43(3), 540-560.
29. El-Geneidy, A., Levinson, D., *Diab, E, *Boisjoly, G., *Verbich, D. & *Loong, C. (2016). The cost of equity: Assessing accessibility by transit and social disparity using total travel cost. *Transportation Research Part A: Policy and Practice*, 91, 302-316.
30. El-Geneidy, A., *van Lierop, D., & *Wasfi, R. (2016). Do people value bicycle sharing? A multilevel longitudinal analysis capturing the impact of bicycle sharing on residential sales in Montreal, Canada. *Transport Policy*, 51, 174-181.
31. *Flanagan, E., Lachapelle, U., & El-Geneidy, A. (2016). Riding tandem: Does cycling infrastructure investment mirror gentrification and privilege in Portland, OR and Chicago, IL? *Research in Transportation Economics*, 60, 14-24.
32. *Langlois, M., Wasfi, R., Ross, N., & El-Geneidy, A. (2016). Can transit-oriented developments help achieve the recommended weekly level of physical activity? *Transport and Health*, 3, 181-190.
33. *Legrain, A., Buliung, R., & El-Geneidy, A. (2016). Travelling fair: Targeting equitable transit by understanding job location, sectorial concentration, and transit use among low-wage workers. *Journal of Transport Geography*, 53, 1-11.
34. *van Lierop, D., Bebronne, M., & El-Geneidy, A. (2016). Bicycle education for children: Evaluation of a program in Montreal, Quebec, Canada. *Transportation Research Record*, (2587), 23-33.
35. *van Lierop, D., & El-Geneidy A. (2016). Enjoying loyalty: The relationship between service quality, customer satisfaction, and behavioral intentions in public transit. *Research in Transportation Economics*, 59, 50-59.
36. *Loong, C., & El-Geneidy A. (2016). It's a matter of time: An assessment of additional time budgeted for commuting across modes. *Transportation Research Record*, (2565), 94-102.

37. *Stewart, C., & El-Geneidy, A. (2016). Don't stop just yet! A simple, effective, and socially responsible approach to bus-stop consolidation. *Public Transport: Planning and Operations*, 8(1), 1-23.
38. *Stewart, C., *Diab, E., Bertini, R., & El-Geneidy, A. (2016). Perspectives on transit: Potential benefits of visualizing transit data. *Transportation Research Record*.
39. *Verbich, D., & El-Geneidy, A. (2016). The pursuit of satisfaction: Variation in satisfaction with bus transit service among riders with encumbrances and riders with disabilities using a large-scale survey from London, UK. *Transport Policy*, 47, 64-71.
40. *Verbich, D., *Diab, E., & El-Geneidy, A. (2016). Have they bunched yet? An exploratory study of the impacts of bus bunching on dwell and running time. *Public Transport: Planning and Operations* 8(2), 225-242.
41. *Damant-Sirois, G., & El-Geneidy, A. (2015). Who cycles more? Determining cycling frequency through a segmentation approach in Montreal, Canada. *Transportation Research Part A: Policy and Practice*, 77, 113-125.
42. *Diab, E., & El-Geneidy, A. (2015). The far side story: Measuring the benefits of bus stop location on transit performance. *Transportation Research Record*, (2538), 1–10.
43. *Diab, E., Badami, M., & El-Geneidy, A. (2015). Bus transit service reliability and improvement strategies: Integrating the perspectives of passengers and transit agencies in North America. *Transport Reviews*, 23(3), 292 – 328.
44. Iacono, M., Levinson, D., El-Geneidy, A. & Wasfi R. (2015). A Markov chain model of land use change. *TeMA: Journal of Land Use, Mobility, and Environment*, 8(3), 263-276.
45. *Langlois, M., *van Lierop, D., Wasfi, R., & El-Geneidy, A. (2015). Chasing sustainability: Do newcomers in TODs adopt more sustainable modes of transportation? *Transportation Research Record*, (2531), 83-92.
46. *Legrain, A., Buliung, R., & El-Geneidy, A. (2015). Who, what, when, and where: Revisiting the influences of transit mode share. *Transportation Research Record*, (2537), 42-51.
47. *Legrain, A., Eluru, N., & El-Geneidy, A. (2015). Am stressed, must travel: The relationship between mode choice and commuting stress. *Transportation Research Part F: Traffic Psychology and Behaviour*, 34, 145-150.
48. *van Lierop, D., *Grimsrud, M., & El-Geneidy, A. (2015). Breaking into bicycle theft: Insights from Montreal, Canada. *International Journal of Sustainable Transportation*, 9(7), 490-501.
49. Manaugh, K., & El-Geneidy, A. (2015). The importance of neighborhood type dissonance in understanding the effect of the built environment on travel behavior. *Journal of Transport and Land Use*, 8(2), 45-57.
50. Manaugh, K., Badami, M., & El-Geneidy, A. (2015). Integrating Social Equity into Urban Transportation Planning: A Review of Metropolitan Transportation Plans in North America. *Transport Policy*, 37, 167-176.

51. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2015). Cycling under influence: Summarizing the influence of attitudes, habits, social environments and perceptions on cycling for transportation. *International Journal of Sustainable Transportation*, 9 (8), 565-579.
52. *Alam, A., *Diab, E., El-Geneidy, A., & Hatzopoulou, M. (2014). A simulation of transit bus emissions along an urban corridor: Evaluating changes under various service improvement strategies. *Transportation Research Part D: Transport and Environment*, 31, 189-198.
53. *Damant-Sirois, G., *Grimsrud, M., & El-Geneidy, A. (2014). What's your type: A multidimensional cyclist typology. *Transportation*, 41(6), 1153-1169.
54. *Diab, E., & El-Geneidy, A. (2014). Transitory optimism: Changes in passenger perception following bus service improvement over time. *Transportation Research Record*, (2415), 97-106.
55. *Diab, E., *Wasfi, R., & El-Geneidy, A. (2014). Extraboard team sizing: An analysis of short unscheduled absences among regular transit operators. *Transportation Research Part A: Policy and Practice*, 66, 27-38.
56. El-Geneidy, A., *Grimsrud, M., *Wasfi, R., *Tétreault, P., & *Surprenant-Legault, J. (2014). New evidence on walking distances to transit stops: Identifying redundancies and gaps using variable service areas. *Transportation*, 41(1), 193-210.
57. *Foth, N., Manaugh, K., & El-Geneidy, A. (2014). Determinants of mode share over time: How a changing transport system affects transit use in Toronto, Canada. *Transportation Research Record*, (2417), 67-77.
58. *Grimsrud, M., & El-Geneidy, A. (2014). Transit to eternal youth: Lifecycle and generational trends in Greater Montreal public transport mode share. *Transportation*, 41(1), 1-19.
59. *Imani, A., Eluru, N., El-Geneidy, A., Rabbat, M., & *Haq, U. (2014). How does land-use and urban form impact bicycle flows: Evidence from the bicycle-sharing system (BIXI) in Montreal. *Transport Geography*, 41, 306-314.
60. *Jacques, C., & El-Geneidy, A. (2014). Does travel behavior matter in defining urban form? A quantitative analysis characterizing distinct areas within a region. *Journal of Transport and Land Use*, 7(1) 1-14.
61. *St-Louis, E., Manaugh, K., *van Lierop, D., & El-Geneidy, A. (2014). The happy commuter: A comparison of commuter satisfaction across modes. *Transportation Research Part F: Traffic Psychology and Behaviour*, 26, 160-170.
62. *Stewart, C., & El-Geneidy, A. (2014). All aboard at all doors: Route selection and running time savings estimation for multi-scenario all-door bus boarding. *Transportation Research Record*, (2316), 39-48.
63. *Diab, E., & El-Geneidy, A. (2013). Variation in bus transit service: Understanding the impacts of various improvement strategies on transit service reliability. *Public Transport: Planning and Operations*, 4(3), 209-231.
64. *Fletcher, G., & El-Geneidy, A. (2013). The effects of fare payment types and crowding on dwell time: A fine-grained analysis. *Transportation Research Record*, (2351), 124-132.

65. *Foth, N., *Manaugh, K., & El-Geneidy, A. (2013). Towards equitable transit: Examining transit accessibility and social need in Toronto, Canada 1996-2006. *Journal of Transport Geography*, 29, 1-10.
66. *Grimsrud, M., & El-Geneidy, A. (2013). Driving transit retention to renaissance: Trends in Montreal commute public transport mode share and factors by age group and birth cohort. *Public transport: Planning and Operations*, 5(3), 119-241.
67. *Jacques, C., *Manaugh, K., & El-Geneidy, A. (2013). Rescuing the captive [mode] user: An alternative approach to transport market segmentation. *Transportation*, 40(3), 625-645.
68. *Larsen, J., Patterson, Z., & El-Geneidy, A. (2013). Build it. But where? The use of geographic information systems in identifying locations for new cycling infrastructure. *International Journal of Sustainable Transportation*, 7(4), 299-317.
69. *de Lorimier, A., & El-Geneidy, A. (2013). Understanding the factors affecting vehicle usage and availability in carsharing networks: A case study of Communauto carsharing system from Montréal, Canada. *International Journal of Sustainable Transportation*, 7(1), 35-51.
70. *Manaugh, K., & El-Geneidy, A. (2013). Does Distance Matter? Exploring the links among values, motivations and satisfaction in walking trips. *Transportation Research Part A: Policy and Practice*, 50, 198-208.
71. *Mathez, A., *Manaugh, K., *Chakour, V., El-Geneidy, A., & Hatzopoulou, M. (2013). How can we alter our carbon footprint? Estimating GHG emissions based on travel survey information. *Transportation*, 40(1), 131-149.
72. *Saberli, M., *Zockaie, A., *Feng, W., & El-Geneidy, A. (2013). Definition and Properties of Alternative Bus Service Reliability Measures at the Stop Level. *Journal of Public Transportation*, 16(1), 97-122.
73. *Shah, Y., *Manaugh, K., Badami, M., & El-Geneidy, A. (2013). Diagnosing transportation: Developing key performance indicators to assess urban transportation systems. *Transportation Research Record*, (2357), 1-12.
74. *Surprenant-Legault, J., Patterson, Z., & El-Geneidy, A. (2013). Commuting trade-offs and distance reduction in two-worker households. *Transportation Research Part A: Policy and Practice*, 51, 12-28.
75. *Wasfi, R., Ross, N., & El-Geneidy, A. (2013). Achieving recommended daily physical activity levels through commuting by public transportation: Unpacking individual and contextual influences. *Health and Place*, 23, 18-25.
76. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2013). Uniquely satisfied: Exploring cyclists trip satisfaction. *Transportation Research Part F: Traffic Psychology and Behaviour*, 18, 136-147.
77. *Bachand-Marleau, J., Lee, B., & El-Geneidy, A. (2012). Towards a better understanding of the factors influencing the likelihood of using shared bicycle systems and frequency of use. *Transportation Research Record*, (2314), 66-71.

78. *Diab, E., & El-Geneidy, A. (2012). Understanding the impacts of a combination of service improvement strategies on bus running time and passenger's perception. *Transportation Research Part A: Policy and Practice*, 46(3), 614-625.
79. Eluru, N., *Chakour, V., & El-Geneidy, A. (2012). Travel Mode Choice and Transit Route Choice Behavior in Montreal: Insights from McGill University Members Commute Patterns. *Public Transport: Planning and Operations*, 4(2), 129-149.
80. *Manaugh, K., & El-Geneidy, A. (2012). What makes travel "local": Defining and understanding local travel behavior. *The Journal of Transport and Land Use*, 5(3), 15-27.
81. *Robson, J., Ayad, H., *Wasfi, R., & El-Geneidy, A. (2012). Spatial disintegration and arable land security in Egypt: A study of small- and moderate-sized urban areas. *Habitat International*, 36(2), 253-260.
82. *Wasfi, R., Levinson, D., & El-Geneidy, A. (2012). Measuring the transportation needs of seniors in the Twin Cities region. *Journal of Transport Literature*, 6(2), 8-32.
83. *Bachand-Marleau, J., *Larsen, J., & El-Geneidy, A. (2011). The much anticipated marriage of cycling and transit: But how will it work? *Transportation Research Record*, 2247, 109-117.
84. El-Geneidy, A., *Cerdá, A., Fischler, R., & Luka, N. (2011). The use of accessibility measures to evaluate the impacts of transportation plans: An application in Montréal, Québec. *Canadian Journal of Urban Research: Canadian Planning and Policy (supplement)*, 20(1), 81-104.
85. El-Geneidy, A., *Horning, J., & Krizek, K. (2011). Analyzing transit service reliability using detailed data from automatic vehicular locator systems. *Journal of Advanced Transportation*, 45(1), 66-79.
86. El-Geneidy, A., *Kastelberger, L., & *Abdelhamid, H. (2011). Montréal's Roots: Exploring the change in accessibility over time in Montréal's Indoor City. *The Journal of Transport and Land use*, 4(2), 33-46.
87. El-Geneidy, A., & Levinson, D. (2011). Place Rank: Valuing spatial interactions. *Networks and Spatial Economics (NETS)*, 11(4), 643-659.
88. El-Geneidy, A., & *Vijayakumar, N. (2011). The effects of articulated buses on dwell and running times. *Journal of Public Transportation*, 14(3), 63-86.
89. *Larsen, J., & El-Geneidy, A. (2011). A travel behavior analysis of urban cycling facilities in Montréal Canada. *Transportation Research Part D: Transport and Environment*, 16(2), 172-177.
90. *Manaugh, K., & El-Geneidy, A. (2011). Validating walkability indices: How do different households respond to the walkability of their neighbourhood? *Transportation research Part D: Transport and Environment*, 16(4), 309-315.
91. Miranda-Moreno, L., Morency, P., & El-Geneidy, A. (2011). The link between built environment, pedestrian activity and pedestrian-vehicle collision occurrence at signalized intersections. *Accident Analysis and Prevention*, 43(5), 1624-1634.

92. *Surprenant-Legault, J., & El-Geneidy, A. (2011). Introduction of a reserved bus lane: Impact on bus running time and on-time performance. *Transportation Research Record*, (2218), 10-18.
93. *Vijayakumar, N., El-Geneidy, A., & Patterson, Z. (2011). Driving to suburban rail stations: identifying variables that influence driving distances. *Transportation Research Record*, (2219), 97-103.
94. El-Geneidy, A., & *Surprenant-Legault, J. (2010). Limited stop bus service: An evaluation of an implementation strategy. *Public Transport: Planning and Operations*, 2(4), 291-306.
95. Iacono, M., Krizek, K., & El-Geneidy, A., (2010). Measuring non-motorized accessibility: Issues, alternatives, and execution. *Journal of Transport Geography*, 18(1), 133-140.
96. *Larsen, J., El-Geneidy, A., & *Yasmin, F. (2010). Beyond the quarter mile: Re-examining travel distances by active transportation. *Canadian Journal of Urban Research: Canadian Planning and Policy (supplement)*, 19(1), 70-88.
97. *Manaugh, K., Miranda-Moreno, L., & El-Geneidy, A. (2010). Neighborhood travel behavior: A factor and cluster analysis to understand travel behavior in the Montréal metropolitan region. *Transportation*, 37(4), 627-646.
98. *Tétreault, P., & El-Geneidy, A. (2010). Estimating bus run times for new limited-stop service using archived AVL and APC data. *Transportation Research Part A: Policy and Practice*, 44(6), 390-402.
99. *Berkow, M., El-Geneidy, A., Bertini, R., & Crout, D. (2009). Beyond generating transit performance measures: Visualizations and statistical analysis using historical data. *Transportation Research Record*, (2111), 158-168.
100. Levinson, D., & El-Geneidy, A. (2009). The minimum circuitry frontier and the journey to work. *Regional Science and Urban Economics*, 39(6), 732-738.
101. El-Geneidy, A., Hourdos, J., & *Horning, J. (2009) Bus transit service planning and operations in a competitive environment. *Journal of Public Transportation*, 12(3), 39-59.
102. Iacono, M., Levinson D., & El-Geneidy A. (2008). Models of transportation and land use change: A guide to the territory. *Journal of Planning Literature*, 22(4), 323-340.
103. Krizek, K., El-Geneidy, A., & *Thompson, K. (2007). A detailed analysis of how an urban trail system affects the travel of cyclists. *Transportation*, 34(5), 611-624.
104. Krizek, K., & El-Geneidy, A. (2007). Segmenting preferences and habits of transit users and non-users. *Journal of Public Transportation*, 10(3), 71-94.
105. Kimpel, T., Dueker, K., & El-Geneidy, A. (2007). Using GIS to measure the effects of service areas and frequency on passenger boardings at bus stops. *Journal of the Urban and Regional Information Systems Association*, 19(1), 5-11.
106. El-Geneidy, A., & Levinson, D. (2007). Mapping accessibility over time. *Journal of Maps*, v2007, 76-87.

107. El-Geneidy, A., Strathman, J., Kimpel, T., & Crout, D. (2006). The effects of bus stop consolidation on passenger activity and transit operations. *Transportation Research Record*, (1971), 32-41.
108. Bertini, R., & El-Geneidy, A. (2004). Modeling transit trip time using archived bus dispatch system data. *Journal of Transportation Engineering*, 130(1), 56-67.
109. Bertini, R., & El-Geneidy, A. (2003). Using archived data to generate transit performance measures. *Transportation Research Record*, (1841), 109-119.

Refereed Book Chapters

1. *van Lierop, D., *Boisjoly, G., *Grisé, E., & El-Geneidy, A. (2018). Evolution in land use and transport research. In T. Sanchez (Ed), *Planning Knowledge and Research*. Routledge, New York, USA.
2. *van Lierop, D., Lee, B., & El-Geneidy, A. (2017). Secure investment for active transportation: Willingness to pay for secured bicycle parking in Montreal, Canada. In R. Berney (Eds.), *Bicycle Urbanism: Reimagining bicycle friendly cities*. Routledge, New York, USA.
3. Krizek, K., *Wilson, R., & El-Geneidy A. (2015). How stable are preferences for neighborhood type and design in residential moves? In R. Hickman, D. Bonilla, M. Givoni & D. Banister (Eds.), *An International Handbook on Transport and Development* (pp. 179-197). Edward Elgar.
4. El-Geneidy, A., Patterson, Z., & *St-Louis E. (2015). Getting closer to opportunities: Transport and land-use interaction in cities. In R. Walker, P. Filion, M. Moos, & T. Vinodrai (Eds.), *Canadian Cities in Transition* (pp. 175-193). Oxford University Press.
5. Krizek, K., *Horning, J., & El-Geneidy, A. (2012). Perceptions of Accessibility to Neighborhood Retail and Other Public Services. In K. Geurs, K. Krizek & A. Reggiani (Eds.), *Accessibility and Transport Planning: Challenges for Europe and North America* (pp. 96-117). Edward Elgar, London, UK.
6. *Manaugh, K., & El-Geneidy, A. (2012). Who benefits from new transportation infrastructure? Using accessibility measures to evaluate social equity in public transport provision. In K. Geurs, K. Krizek & A. Reggiani (Eds.), *Accessibility and Transport Planning: Challenges for Europe and North America* (pp. 211-227). Edward Elgar, London, UK.
7. Bertini, R., & El-Geneidy, A. (2004). Using archived advanced traffic management system data to evaluate ITS investments. In D. Gillen & D. Levinson (Eds.), *Assessing the benefits and costs of intelligent transportation systems* (pp. 287-314). Norwell, Massachusetts, USA: Kluwer Academic Publishers.

Invited Blog Posts

1. Grisé, E., Boisjoly, G., Maguire, M., & El-Geneidy, A. (2017). *Confronting Canada's Wheelchair Accessibility Gap*. Move Forward.
2. El-Geneidy, A., & van Lierop, D. (2017). *Transit Trends 2017*. Trapeze Group.

3. El-Geneidy, A., *van Lierop, D., & Wasfi, R. (2016). *Bike sharing schemes can have a positive impact on nearby house prices*. London School of Economics' USAPP- American Politics and Policy blog.

Articles in Refereed Conference Proceedings

Please note that in most cases peer reviewed conference proceedings articles appeared later in academic journals after being peer reviewed in the journals. So overlap between the below list and the peer reviewed academic articles is major.

1. *Boisjoly, G., *Grisé, E., *Maguire, M., *Veillette, M., *Deboosere, R., *Berrebi, E., & El-Geneidy, A. (2018). *Invest in your riders: A longitudinal analysis of the determinants of public transport ridership in 25 North America cities*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
2. *Deboosere, R., Levinson, D., & El-Geneidy, A. (2018). *Accessibility-oriented development*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
3. *Deboosere, R., *Boisjoly, G., & El-Geneidy, A. (2018). *Understanding the relationship between changes in accessibility to jobs, income and unemployment in Toronto, Canada*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
4. *Grisé, E., *Boisjoly, G., *Maguire, M., & El-Geneidy, A. (2018). *Show me where we are going: Measuring and comparing accessibility to jobs by public transport for individuals with physical disability in Montreal and Toronto, Canada*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
5. *Grisé, E., & El-Geneidy, A. (2018). *Where is the happy transit rider? Evaluating satisfaction with regional rail service using a spatial segmentation approach*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
6. *Grisé, E., & El-Geneidy, A. (2018). *Assessing operation and customer perception characteristics of high frequency local and limited-stop bus service in Vancouver, Canada* Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
7. *Veillette, M., *Grisé, E., & El-Geneidy, A. (2018). *Park 'n' Roll: Identifying and prioritizing locations for new bicycle parking in Quebec City, Canada*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
8. *Veillette, M., *Deboosere, R., Wasfi, R., Ross, N., & El-Geneidy, A. (2018). *Small steps, big differences: Assessing the validity of using home and work locations to estimate walking distances to transit*. Paper presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
9. *Boisjoly, G., Wasfi, R., & El-Geneidy, A. (2017). *How much is enough? Assessing the influence of neighborhood walkability on undertaking 10-minute walks*. Paper presented at World Symposium on Land Use and Transport Research, Brisbane, Australia.

10. *Grisé, E., & El-Geneidy, A. (2017). *If we build it, who will benefit? A multi-criteria analysis for the prioritization of new bicycle lanes in Quebec City, Canada*. Paper presented at World Symposium on Land Use and Transport Research, Brisbane, Australia.
11. *Boisjoly, G., & El-Geneidy A. (2017). *The insider: A planners' perspective on accessibility*. Paper presented at the 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
12. *Boisjoly, G., & El-Geneidy A. (2017). *How to get there? A critical assessment of accessibility objectives and indicators in metropolitan transportation plans*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
13. El-Geneidy, A., *van Lierop, D., *Grisé, E., *Boisjoly, G., *Swallow, D., *Fordham, L. & *Herrmann, T. (2017). *Get on board: Assessing an all-door boarding pilot project in Montreal, Canada*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
14. *Fordham, L., *Grisé, E., & El-Geneidy, A. (2017). *When I'm 64: Assessing generational differences in public transit use among seniors in Montreal, Canada*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
15. *Fordham, L., *van Lierop, D., & El-Geneidy, A. (2017). *Can't get no satisfaction: Examining the influence of commuting on overall life satisfaction*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
16. *Grisé, E., & El-Geneidy, A. (2017). *Identifying the bias: Evaluating the effectiveness of automatic data collection methods in estimating the details of bus dwell time*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
17. *Grisé, E., & El-Geneidy, A. (2017). *Evaluating the relationship between socially (dis)advantaged neighbourhoods and customer satisfaction of bus service in London, U.K*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
18. *Herrmann, T., *Boisjoly, G., Ross, N., & El-Geneidy, A. (2017). *The missing Middle: Filling the gap between walkability and observed walking behavior*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
19. *van Lierop, D., & El-Geneidy, A. (2017). *Perceived reality: Understanding the relationship between customer perceptions and operational characteristics*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
20. *van Lierop, D., & El-Geneidy, A. (2017). *Public image: Determining the effects of users' image of public transit on loyalty*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
21. *van Lierop, D., Badami, M., & El-Geneidy, A. (2017). *Nothing but a good ride: The influences of satisfaction and loyalty in public transport*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.

22. *Loong, C., *van Lierop, D., & El-Geneidy, A. (2017). *The path of least resistance: Identifying supporters of public and active transportation projects*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
23. *Verbich, D., Badami, M., & El-Geneidy, A. (2017). *You can't always get what you pay for: Toward a rapid assessment of public transit from multiple perspectives in North American cities*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
24. *Wexler, M., & El-Geneidy, A. (2017). *Keep 'em separated: A desire lines analysis of bidirectional cycle tracks in Montreal, Canada*. Paper presented at 96th Transportation Research Board Annual Meeting, Washington D.C., USA.
25. *Boisjoly, G., & El-Geneidy, A. (2016). *Is complexity better? Assessing accessibility measures that account for daily fluctuations in transit and jobs availability*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
26. *Boisjoly, G., & El-Geneidy, A. (2016). *Are we connected? Assessing bicycle network performance through directness and connectivity measures, a Montreal, Canada case study*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
27. *Diab, E., Bertini, R., & El-Geneidy, A. (2016). *Bus transit service reliability: Understanding the impacts of overlapping bus service on headway delays and determinants of bus bunching*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
28. El-Geneidy, A., Levinson, D., *Diab, E, *Boisjoly, G., *Verbich, D. & *Loong, C. (2016). *The cost of equity: Assessing accessibility by transit and social disparity using total travel cost*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
29. *Flanagan, E., Lachapelle, U. & El-Geneidy, A. (2016). *Riding tandem: Does cycling infrastructure investment mirror gentrification and privilege in Portland, OR and Chicago, IL?* Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
30. *Legrain, A., Buliung, R. & El-Geneidy, A. (2016). *Travelling fair: Targeting equitable transit by understanding job location, sectorial concentration, and transit-use among low-wage workers*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
31. *van Lierop, D., & El-Geneidy, A. (2016). *Loyalty in transit: An analysis of bus and rail users in two Canadian cities*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
32. *van Lierop, D., Bebronne, M., & El-Geneidy, A. (2016). *Evaluating a bicycle education program for children: Findings from Montreal, Canada*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

33. *Loong, C., & El-Geneidy A. (2016). *It's a matter of time: An assessment of additional time budgeted for commuting across modes*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
34. *Loong, C., *van Lierop, D., & El-Geneidy, A. (2016). *The road to productivity: An analysis of commuters' punctuality and energy levels at work or school*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
35. *Stewart, C., *Diab, E., Bertini, R., & El-Geneidy, A. (2016). *Perspectives on transit: Potential benefits of visualizing transit data*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
36. *Verbich, D., *Diab, E., & El-Geneidy, A. (2016). *Have they bunched yet? An exploratory study of the impacts of bus bunching on dwell and running time*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
37. *Verbich, D., & El-Geneidy, A. (2016). *Are the transit fares fair? Public transit fare structures and social vulnerability in Montreal, Canada*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
38. *Verbich, D., & El-Geneidy, A. (2016). *The pursuit of happiness: Variation in satisfaction with bus transit service among different bus users using a large-scale survey from London, UK*. Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
39. *Diab, E., Bertini, R., & El-Geneidy (2015). *Bus transit service reliability: Understanding the impacts of service overlapping on headway adherence*. Paper presented at the Conference on Advanced Systems in Public Transport (CASPT), Rotterdam, the Netherlands.
40. *Damant-Sirois, G., & El-Geneidy, A. (2015). *Who cycles more? Determining cycling frequency through a segmentation approach in Montreal, Canada*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
41. *Diab, E., & El-Geneidy, A. (2015). *The far side story: Measuring the benefits of bus stop location on transit performance*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
42. *Langlois, M., *van Lierop, D., *Wasfi, R., & El-Geneidy, A. (2015). *Chasing sustainability: Do newcomers in TODs adopt more sustainable modes of transportation?* Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
43. *Legrain, A., Buliung, R., & El-Geneidy, A. (2015). *Who, what, when, and where: Revisiting the influences of transit mode share*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
44. *van Lierop, D., & El-Geneidy, A. (2015). *Getting committed: A perspective on public transit market segmentation*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.

45. Manaugh, K. & El-Geneidy, A. (2015). *Overcoming barriers to active transportation: A mixed methods approach to understanding reasons for not cycling*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
46. *Stewart, C., & El-Geneidy, A. (2015). *Don't stop just yet! A simple, effective, and socially responsible approach to bus-stop consolidation*. Paper presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
47. *van Lierop, D., Maat, K., & El-Geneidy, A. (2014). *The seven habits of highly effective Transit-Oriented Development*. Paper presented at The World Symposium on Transport and Land Use Research (WSTLUR), Delft, the Netherlands.
48. Manaugh, K., & El-Geneidy, A. (2014). *Disentangling self-selection and transit availability influences in mode choice decision making*. Paper presented at The World Symposium on Transport and Land Use Research (WSTLUR), Delft, the Netherlands.
49. El-Geneidy, A., *van Lierop, D., & *Wasfi, R. (2014). *Do people value bicycle sharing? A multilevel longitudinal analysis capturing the impact of bicycle sharing on residential sales in Montreal, Canada*. Paper presented at The World Symposium on Transport and Land Use Research (WSTLUR), Delft, the Netherlands.
50. *Alam, A., *Diab, E., El-Geneidy, A., & Hatzopoulou, M. (2014). *Simulating transit emissions under various scenarios affecting operations: A corridor-level analysis*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
51. *Blais, D., & El-Geneidy, A. (2014). *Better Living Through Mobility: The relationship between access to transportation, well-being and disability*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
52. *Damant-Sirois, G., *Grimsrud, M., & El-Geneidy, A. (2014). *What's your type: A multidimensional cyclist typology*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
53. *Diab, E., *Wasfi, R., & El-Geneidy, A. (2014). *Extraboard team sizing: An analysis of short unscheduled absences among regular transit operators*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
54. *Diab, E., & El-Geneidy, A. (2014). *Transitory optimism: Changes in passenger perception following bus service improvement over time*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
55. *Foth, N., Manaugh, K., & El-Geneidy, A. (2014). *Determinants of mode share over time: How a changing transport system affects transit use in Toronto, Canada*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
56. *Imani, A., Eluru, N., El-Geneidy, A., Rabbat, M., & *Haq, U. (2014). *How does land-use and urban form impact bicycle flows: Evidence from the bicycle-sharing system (BIXI) in Montreal*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.

57. *van Lierop, D., Lee, B., & El-Geneidy, A. (2014). *Secure investment for active transport: Willingness to pay for secured bicycle parking in Montreal, Canada*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
58. *van Lierop, D., *Tepavac, A., Maat, K., & El-Geneidy, A. (2014). *Complete Transit-Oriented Development: Connecting governance, built environment, and travel behavior in North America and Europe*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
59. *St-Louis, E., Manaugh, K., *van Lierop, D., & El-Geneidy, A. (2014). *The happy commuter: A comparison of commuter satisfaction across modes*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
60. *Stewart, C., & El-Geneidy, A. (2014). *All aboard at all doors: Route selection and running time savings estimation for multi-scenario all-door bus boarding*. Paper presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
61. *Diab, E., & El-Geneidy, A. (2013). *Variation in bus transit service: Understanding the impacts of various improvement strategies on transit service reliability*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
62. *Fletcher, G., & El-Geneidy, A. (2013). *The effects of fare payment types and crowding on dwell time: A fine-grained analysis*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
63. *Foth, N., *Manaugh, K., & El-Geneidy, A. (2013). *Towards equitable transit: Examining transit accessibility and social need in Toronto, Canada 1996-2006*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
64. *Grimsrud, M., & El-Geneidy, A. (2013). *Transit to eternal youth: Lifecycle and generational trends in Greater Montreal public transport mode share*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
65. *Shah, Y., *Manaugh, K., Badami, M., & El-Geneidy, A. (2013). *Diagnosing transportation: Developing key performance indicators to assess urban transportation systems*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
66. *van Lierop, D., *Grimsrud, M., & El-Geneidy, A. (2013). *Breaking into bicycle theft: Insights from Montreal, Canada*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
67. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2013). *Uniquely satisfied: Exploring cyclists trip satisfaction*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.
68. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2013). *Cycling Under Influence: Summarizing the influence of attitudes, habits, social environments and perceptions on cycling for transportation*. Paper presented at the 92nd Transportation Research Board Annual Meeting, Washington D.C., USA.

69. *Bachand-Marleau, J., Lee, B., & El-Geneidy, A. (2012). *Towards a better understanding of the factors influencing the likelihood of using shared bicycle systems and frequency of use*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
70. *Diab, E., & El-Geneidy, A. (2012). *Understanding the impacts of a combination of service improvement strategies on bus running time and passenger's perception*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
71. Eluru, N., *Chakour, V., & El-Geneidy A. (2012). *Travel Mode Choice and Transit Route Choice Behavior in Montreal: Insights from McGill University Members Commute Patterns*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
72. *Jacques, C., *Manaugh, K., & El-Geneidy, A. (2012). *Rescuing the captive [mode] user: An alternative approach to transport market segmentation*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
73. *Manaugh, K., *Larsen, J., & El-Geneidy, A. (2012). *Does Distance Matter? Exploring the links among values, motivations and satisfaction in walking trips*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
74. *Mathez, A., *Manaugh, K., *Chakour, V., El-Geneidy, A. & Hatzopoulou, M. (2012). *How can we alter our carbon footprint? Estimating GHG emissions based on travel survey information*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
75. *Saberli, M., *Zockaie, A., *Feng, W. & El-Geneidy, A. (2012). *Definition and Properties of Alternative Bus Service Reliability Measures at the Stop Level*. Paper presented at the 91st Transportation Research Board Annual Meeting, Washington D.C., USA.
76. *Manaugh, K., & El-Geneidy, A. (2011). *What makes travel "local": Defining and understanding local travel behavior*. Paper presented at the World Symposium on Transport & Land Use Research (WSTLUR), Whistler, BC, Canada.
77. *Bachand-Marleau, J., *Larsen, J., & El-Geneidy, A. (2011). *The much anticipated marriage of cycling and transit: But how will it work?* Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
78. *de Lorimier, A., & El-Geneidy, A. (2011). *Understanding the factors affecting vehicle usage and availability in carsharing networks: A case study of Communauto carsharing system from Montréal, Canada*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
79. El-Geneidy, A., & *Vijayakumar, N. (2011). *The effects of articulated buses on dwell and running times*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
80. Lee, B., *Jennings, L., & El-Geneidy, A. (2011). *How does land use influence cyclist route choice? A geospatial analysis of commuter routes and cycling facilities*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.

81. *Manaugh, K., & El-Geneidy, A. (2011). *Examining the response of varying households to the walkability of their neighbourhood for non-work trip purposes*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
82. *Surprenant-Legault, J., & El-Geneidy, A. (2011). *Introduction of a reserved bus lane: Impact on bus running time and on-time performance*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
83. *Vijayakumar, N., El-Geneidy, A., & Patterson, Z. (2011). *Driving to suburban rail stations: identifying variables that influence driving distances*. Paper presented at the 90th Transportation Research Board Annual Meeting, Washington D.C., USA.
84. *Cerdá, A., & El-Geneidy, A. (2010). *Understanding the relationships between regional accessibility, home values and travel behavior*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
85. El-Geneidy, A., & *Surprenant-Legault, J. (2010). *Limited bus stop service: An evaluation of an implementation strategy*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
86. El-Geneidy, A., *Tétreault, P., & *Surprenant-Legault, J. (2010). *Pedestrian access to transit: Identifying redundancies and gaps using variable service area analysis*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
87. *Hagg, M., & El-Geneidy, A. (2010). *Making the Montréal indoor city accessible to people with disabilities*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
88. *Larsen, J., & El-Geneidy, A. (2010). *Build it, but where? Use of geographic information systems in identifying optimal location for new cycling infrastructure*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
89. *Manaugh, K., Miranda-Moreno, L., & El-Geneidy, A. (2010). *Effect of neighborhood characteristics, accessibility, home-work location, and demographics on commuting distances*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
90. Miranda-Moreno, L., Morency, P., & El-Geneidy, A. (2010). *How does built environment influence pedestrian activity and pedestrian collisions at intersections?* Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
91. *Surprenant-Legault, J., & El-Geneidy, A. (2010). *The Spatial Patterns Affecting Home to Work Distances of Two-Worker Households* Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
92. *Yasmin, F., *Larsen, J., & El-Geneidy, A. (2010). *Examining travel distances by walking and cycling, Montréal, Canada*. Paper presented at the 89th Transportation Research Board Annual Meeting, Washington D.C., USA.
93. *Berkow, M., El-Geneidy, A., Bertini, R., & Crout, D. (2009). *Beyond generating transit performance measures: Visualizations and statistical analysis using historical data*. Paper

presented at the 88th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

94. El-Geneidy, A., Hourdos, J., & *Horning, J. (2009) *Bus transit service planning and operations in a competitive environment*. Paper presented at the 88th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
95. *Tétreault, P., & El-Geneidy, A. (2009). *Estimating bus run times for new limited stop service using archived AVL and APC data*. Paper presented at the 88th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
96. *Tétreault, P., & El-Geneidy, A. (2009). *How local is main street? An analysis of non-work related trips to four commercial streets in Montréal*. Paper presented at the 88th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
97. El-Geneidy, A., *Horning, J., & Krizek, K. (2008). *Analyzing transit service reliability using detailed data from automatic vehicular locator systems*. Paper presented at the 87th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
98. *Horning, J., El-Geneidy, A., & Krizek, K. (2008). *Perceptions of walking distance to neighborhood retail and other public services*. Paper presented at the 87th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
99. Iacono, M., Krizek, K., & El-Geneidy, A. (2008). *Measuring non-motorized accessibility: issues, alternatives, and execution*. Paper presented at the 87th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
100. *Wilson, R., Krizek, K., & El-Geneidy, A. (2007). *The consistency of neighborhood preferences among movers*. Paper presented at the 11th World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
101. Levinson, D., & El-Geneidy, A., (2007). *How efficient are transportation networks in connecting origins and destinations?* Paper presented at the 11th World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
102. Wasfi, R., Levinson, D., & El-Geneidy, A. (2007). *Measuring the transportation needs of seniors*. Paper presented at the 11th World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
103. El-Geneidy, A., Krizek, K., & Iacono, M. (2007). *Predicting bicycle travel speeds along different facilities using GPS data: A proof of concept model*. Paper presented at 86th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
104. Wasfi, R., Levinson, D., & El-Geneidy, A. (2007). *Measuring the transportation needs of people with developmental disability*. Paper presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
105. *Thompson, K., Krizek, K., & El-Geneidy, A. (2007). *A detailed analysis of the influence of an urban trail system on travel behavior*. Paper presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.

106. *Wilson, R., Krizek, K., & El-Geneidy, A. (2007). *Examining the consistency of preferences about travel and neighborhood characteristics in residential location decisions*. Paper presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
107. Monsere, C., Bertini, R., El-Geneidy, A., & Moes, T. (2005). *Exploring spatial and temporal performance measurement in metropolitan transportation safety improvement programs*. Paper presented at the 9th International Conference on Computers in Urban Planning and Urban Management (CUPUM), London, UK.
108. Bertini, R., Rose, M. W., & El-Geneidy, A. (2005). *Using archived ITS data sources to measure the effectiveness of a freeway incident response program*. Paper presented at the 84th Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
109. El-Geneidy, A., & Bertini, R. (2004). *Toward validation of freeway loop detector speed measurements using transit probe data*. Paper presented at the IEEE 7th Annual Conference on Intelligent Transportation Systems, Washington D.C., USA.
110. Bertini, R., & El-Geneidy, A. (2004). *Empirical techniques for improving the performance of ramp control systems using archived ITS data*. Paper presented at the 11th World Congress on Intelligent Transport Systems, Nagoya, Japan.
111. Bertini, R., & El-Geneidy, A. (2003). *Using Archived Data to Generate Transit Performance Measures*. Paper presented at the 82nd Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
112. El-Geneidy, A., & Bertini, R. (2003). *Integrating geographic information systems and intelligent transportation systems to improve incident management and life safety*. Paper presented at the 8th International Conference on Computers in Urban Planning and Urban Management (CUPUM), Sendai, Japan.
113. El-Geneidy, A., Ayad, H., El-Baghdady, N., & Azzam, Y. (2001). *A decision support system for land-use activity changes using data gained from intelligent transportation systems*. Paper presented at the 7th International Conference on Computers in Urban Planning and Urban Management (CUPUM), Hawaii, USA.

Non-Refereed Publications

Proceedings

1. Bertini, R., El-Geneidy, A., & Tantianugulchai, S. (2004). *Toward automation of mobility measures in Portland, Oregon: Microscopic validation of archived freeway sensor data*. Paper presented at the Intelligent Transportation Society of America 14th Annual Meeting and Exhibition, San Antonio, Texas, USA.

Research Projects Reports

1. *Veillette, M., *Deboosere, R., *Boisjoly, G., *Grisé, E. & El-Geneidy, A. (2017). *2013 Detailed OD Survey Validation Report*. Montréal, Québec, Canada: Agence métropolitaine de transport.
2. *Berrebi, E., *Maguire, M., *Veillette, M., *Deboosere, R., *Grisé, E., *Boisjoly, G., Manaugh, K., & El-Geneidy, A. (2017). *McGill Transportation Survey 2015/2016 Report*. Montréal, Québec, Canada: McGill Sustainability office, McGill University.

3. *Grisé, E., *Viellete, M., *Ratti, N., *Boisjoly, G., & El-Geneidy (2017). *Évaluation de la demande et recommandations pour de nouvelles infrastructures cyclables à Québec*. Québec, Québec, Canada: Ville de Québec.
4. *Boisjoly, G., & El-Geneidy, A. (2016). *Measuring performance: Accessibility metrics in metropolitan regions around the World*. Washington DC, USA: Brookings Institution.
5. *Verbich, D., *Grisé, E., *Boisjoly, E., *van Lierop D., & El-Geneidy, A. (2016). *Consultation sur les déplacements à vélo à Québec 2015 — Recommandations*. Québec, Québec, Canada: Ville de Québec.
6. *Boisjoly, G., *Loong, C., *Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilité à Montréal: Rapport sur l'état de situation des options de mobilité durable*. Montréal, Quebec, Canada: Ville de Montréal.
7. *Boisjoly, G., *Loong, C., *Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilité à Montréal: Rapport sur l'accessibilité des lieux en transport en commun et en vélo*. Montréal, Quebec, Canada: Ville de Montréal.
8. *Boisjoly, G., *Loong, C., *Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilité à Montréal: Rapport du diagnostic*. Montréal, Quebec, Canada: Ville de Montréal.
9. *van Lierop, D., *Langlois, M., *Boisjoly, G., & El-Geneidy, A. (2015). *Certificat cycliste averti: Evaluating a bicycle education program in Montreal, Quebec*. Montreal, Quebec, Canada: Velo Quebec.
10. El-Geneidy, A., Buliung, R., *Diab, E., *van Lierop, *Langlois, M., & *Legrain, A. (2014). *Non-stop equity: Assessing daily intersections between transit accessibility and social disparity across the Greater Toronto and Hamilton Area (GTHA)*. Toronto, Ontario, Canada: Metrolinx.
11. Patterson, Z., *Damant-Sirois, G., & El-Geneidy, A. (2014). *Nouveau modèle urbain : vers la mise en place d'un cadre intégré de modélisation du développement urbain et des transports dans la région de Montréal*. Montréal, Québec, Canada: Ministère des Transports du Québec.
12. *Stewart, C., *Langlois, M., & El-Geneidy, A. (2014). *Embarquement par toutes les portes: Rapport final sur les bénéfices et les économies de temps pour la STM*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
13. *Shaw, E., *St-Louis, E., Manaugh, K., *van Lierop, D., *Stewart, C., & El-Geneidy, A. (2013). *Findings from the 2013 McGill commuter survey*. Montréal, Québec, Canada: McGill Sustainability office, McGill University.
14. *Stewart, C., & El-Geneidy, A. (2013). *All door bus boardings: Route selections*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
15. *Diab, E., *Wasfi, R., & El-Geneidy, A. (2013). *Extraboard team sizing: An analysis of short-duration unscheduled absence among regular transit operators. Case study of OC Transpo, Ottawa, Canada*. Montréal, Québec, Canada: CSched.
16. *Horton, E., *Stewart, C., & El-Geneidy, A. (2013). *The benefits of all door bus boardings*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).

17. *Diab, E., & El-Geneidy, A. (2012). *Analysis of short-duration unscheduled absence of regular transit operators in relationship to extraboard team size: STL Case Study*. Montréal, Québec, Canada: CSched.
18. *Manaugh, K., *Foth, N., *Willis, D., & El-Geneidy, A. (2012). *Greater Toronto destination access: Past & future land use and transport interaction in the GTHA*. Toronto, Ontario, Canada: Metrolinx.
19. *Lavoie, M., *van Lierop, D., *Willis, D., & El-Geneidy, A. (2012). *The TRAM seminar series: Inspiring innovation and collaboration in the field of transportation*. Ottawa, Ontario, Canada: Transport Canada.
20. *Jacques, C., *Chakour, V., *Mathez, A., *Manaugh, K., Barreau, G., Hatzopoulou, M., Eluru, N., & El-Geneidy, A. (2011). *An Examination of Commuting Patterns to McGill University: Results of the 2011 McGill Transportation Survey*. Montréal, Québec, Canada: McGill Sustainability Fund, Office of Sustainability, McGill University.
21. El-Geneidy, A., *Diab, E., *Jacques, C., & *Mathez, A. (2011). *Sustainable Urban Mobility in the Middle East and North Africa*. Thematic study prepared for sustainable urban mobility: Global report on human settlements 2013, Nairobi, Kenya: UN-Habitat.
22. Crainic, T., El-Geneidy, A., Gendron, B., & Morency, C. (2011). *Vision 2030: Alternatives au scénario cours normal des choses*. Québec, Canada: Ministère des Transports du Québec.
23. *Sangster, E., *Larsen, J., Bornstein, L., & El-Geneidy, A. (2011). *Pedestrian and Cyclist Safety in Westmount*. Montréal, Québec, Canada: CURA, Making Megaprojects Work for Communities - Mégaprojets au service des communautés.
24. *Vijayakumar, N., Barreau, G., & El-Geneidy, A. (2011). *Service des transports publics par autobus complémentaire et concurrent*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
25. El-Geneidy, A., & *Vijayakumar, N. (2010). *The effects of articulated buses on transit performance and scheduling*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
26. *Cerdá, A., & El-Geneidy, A. (2010). *Mesures d'accessibilité: Mesures de performance pour la planification de l'utilisation du sol et du transport dans la région métropolitaine de Montréal*. Montréal, Québec, Canada: Ministère des Transports du Québec.
27. *Horning, J., El-Geneidy, A., & Hourdos, J. (2009). *Estimating Running Time and Demand for a Bus Rapid Transit Corridor*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
28. Miranda-Moreno, L., El-Geneidy, A., *Manaugh, K., *Martin-Chin, W., & *Kreider, T. (2009). *Interventions to reduce accident rates: A literature review*. Montréal, Québec, Canada: CIMA+ and City of Montréal.
29. *Tétreault, P., *Surprenant-Legault, J., El-Geneidy, A., Fischler, R., & *Cerdá, A. (2009). *Accessibility and comparison of travel time between transit and automobile in the metropolitan*

region of Montréal (in French Accessibilité et comparaison des temps de parcours entre le transport collectif et en automobile dans la région métropolitaine de Montréal). Montréal, Québec, Canada: Agence Métropolitaine de Transport.

30. El-Geneidy, A., *Abdelhamid, H., *Cerdá, A., & *Kastelberger, L. (2009). *A Guide to a Successful Implementation and Evaluation of Transit Signal Priority in the Montréal Region (In French Conditions de réussite pour l'implantation et l'évaluation des mesures de signalisation prioritaire pour le transport en commun pour la région de Montréal)*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
31. Krizek, K., Iacono, M., El-Geneidy, A., Liao, C., & Johns, R. (2009). *Access to Destinations: Application of Accessibility Measures for Non-Auto Travel Modes*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
32. El-Geneidy, A., Fischler R., Luka, N., *Abdelhamid, H., *Cerdá, A., *Managh, K., *Otero, J., *Tétreault, P., *Dudeck, A., *Komorowski, B., *Surprenant-Legault, J., *Pacheco, R., & *Wasfi, R. (2008). *Implementation of the Montréal transportation Plan: A study of the impacts on the organization and development of the region (in French: Mise en œuvre du plan de transport de Montréal étude des impacts sur l'aménagement et le développement du territoire)*. Montréal, Québec, Canada: City of Montréal.
33. *Tétreault, P., & El-Geneidy, A. (2008). *Limited stop service along route 67 Saint Michel (in French Service d'autobus avec arrêts limités sur le circuit 67 Saint-Michel)*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
34. *Kastelberger, L., & El-Geneidy, A. (2008). *Benefits of next arrival systems: A literature review*. Montréal, Québec, Canada: Transportation Research at McGill (TRAM), McGill University.
35. Iacono, M., Krizek, K., & El-Geneidy, A. (2008). *Access to destinations: How close is close enough? Estimating accurate distance decay functions for multiple modes and different purposes*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
36. Iacono, M., Levinson, D., El-Geneidy, A., Wasfi, R., & Zhu, S. (2008). *Access to destinations: Monitoring land use activity changes in the Twin Cities metropolitan region*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
37. *Horning, J., M., El-Geneidy A. M., & Krizek K. J. (2008). *Parcel Level Land Use Data Acquisition & Analysis for Measuring Non-Auto Accessibility*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
38. El-Geneidy, A., *Horning, J., & Krizek, K. (2007). *Using archived ITS data to improve transit performance and management*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
39. *Horning, J., Iacono, M., El-Geneidy A. M., & Krizek K. J. (2007). *Understanding transit demand along a BRT corridor in the Twin Cities region MN*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.

40. Krizek, K., El-Geneidy, A., Iacono, M., & *Horning, J. (2007). *Refining methods for calculating non-auto travel times*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
41. Krizek, K., Poindexter, G., El- Geneidy, A. M., & Sanderson, E. (2006). *The safety of pedestrian and bicycle travel in Minnesota: Inventory, analysis, and prospectus*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
42. Krizek, K., & El-Geneidy, A. (2006). *Towards a better understanding of the potential market of transit's ridership and services*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
43. El-Geneidy, A., & Levinson, D. (2006). *Access to destinations: Development of accessibility measures*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
44. El-Geneidy, A., Kimpel, T. J., & Strathman, J. G. (2005). *Empirical analysis of the effects of bus stop consolidation on passenger activity and transit operations*. Portland, Oregon, USA: Center for Urban Studies, Portland State University.
45. Bertini, R., Strathman, J., Kimpel, T., El-Geneidy, A., Tantiyanugulchai, S., Malik, S., & Callas, S. (2005). *Evaluation of Innovative Uses of Advanced Public Transportation Systems Data in Multimodal Corridors*. Portland, Oregon, USA: Portland State University, Center for Transportation Studies, Great Cities University Transportation Consortium Research Report.
46. Strathman, J. G., El-Geneidy, A., & Wasfi, R. A. (2004). *Survey of ADA-mandated stop announcements at TriMet: June 2004 follow-up*. Portland, Oregon, USA: Center for Urban Studies, Portland State University.
47. Bertini, R., Rose, M., & El-Geneidy, A. (2004). *Using archived data to measure operational benefits of ITS investments: Region 1 incident response program*. Portland, Oregon, USA: Center for Transportation Studies, Portland State University.
48. Bertini, R., Rose, M., El-Geneidy, A., Eder, A., Leal, M., Malik, S., et al. (2004). *Using archived data to measure operational benefits of ITS investments: Ramp meters*. Portland, Oregon, USA: Center for Transportation Studies, Portland State University.
49. Bertini, R., Leal, M., & El-Geneidy, A. (2002). *Analysis and validation of loop detector data in the I-5 corridor*. Portland, Oregon, USA: Transportation Research Group, Portland State University.

Conference papers

1. Grisé, E., Wasfi, R., Ross, N., & El-Geneidy, A. (2018). *Evaluating methods for measuring daily walking to public transport: Balancing detail and data availability*. American Association of Geographers (AAG) annual meeting, New Orleans, USA.
2. Boisjoly, G., Serra, B., Oliveira, G., & El-Geneidy, A. (2018). *(In)Equity in transit: Evaluating the socio-spatial distribution of public transport services in four metropolitan areas in Brazil*. American Association of Geographers (AAG) annual meeting, New Orleans, USA.

3. Grisé, E., Veillette, M., & El-Geneidy, A. (2018). *Investing in bicycle paradise: Evaluating the stated usage of different bicycle facilities in Quebec City, Canada*. Active Living Research Conference, Banff, Alberta, Canada.
4. *Deboosere, R., Levinson, D., El-Geneidy, A. (2017). *Beyond TOD: Accessibility Oriented Development (AOD)*. Paper presented at the 64th Annual North American Meetings of the Regional Science Association International, Vancouver, British Columbia, Canada.
5. *Grisé, E., *Boisjoly G., *Maguire, M. & El-Geneidy, A. (2017). *Measuring and comparing accessibility to jobs by public transport for individuals with physical disability in Montreal and Toronto, Canada*. Paper presented at the 64th Annual North American Meetings of the Regional Science Association International, Vancouver, British Columbia, Canada.
6. *Maguire, M. & El-Geneidy, A. (2017). *The everyday vs the yesterday: A comparative study of commuter satisfaction with two travel survey approaches*. Paper presented at the 11th International Conference on Transport Survey Methods, Estérel, Québec, Canada.
7. Boisjoly G., & El-Geneidy, A. (2017). *Best Practices for Integrated Land Use and Transportation Planning: A Review of Indicators of Accessibility to Destinations in 32 Metropolitan Transportation Plans from around the World*. Paper presented at the 12th Metropolis World Congress, Montreal, Québec, Canada.
8. Deboosere R., Boisjoly G., & El-Geneidy, A. (2017). *Réduire les disparités sociales par l'amélioration de l'accès à l'emploi en transport en commun? Le cas de Toronto, Canada (2001-2011)*. Paper presented at the 85th Conference of the Association francophone pour le savoir (ACFAS), Montreal, Québec, Canada.
9. Deboosere R., Boisjoly G., & El-Geneidy, A. (2017). *Bridging the gap: The impacts of changes in accessibility levels on closing the socio-economic gap in Toronto, Canada*. Paper presented at the NECTAR XIV International Conference, Madrid, Spain.
10. El-Geneidy, A., *van Lierop, D., *Grisé, E., *Boisjoly, G., *Swallow, D., *Fordham, L., & *Herrmann, T. (2017). *Get on board: Assessing an all-door boarding pilot project in Montreal, Canada*. Paper presented at the Global Public Transport summit, Montreal, Québec, Canada.
11. *Grisé, E., & El-Geneidy, A. (2017). *Evaluating the relationship between socially (dis)advantaged neighbourhoods and customer satisfaction of bus service in London, U.K.* Paper presented at the Global Public Transport summit, Montreal, Québec, Canada.
12. *Grisé, E., & El-Geneidy, A. (2016). *Evaluating the relationship between social (dis)advantage and customer satisfaction of bus users in London, UK*. Paper presented at the 56th ACSP Annual Conference, Oregon, USA.
13. *Boisjoly, G., Moreno-Monroy, A., & El-Geneidy, A. (2016). *Vulnerability in transit: Assessing accessibility to formal jobs by public transit in the São Paulo Metropolitan Region, Brazil*. Paper presented at the American Association of Geographers (AAG) annual meeting, San Francisco, CA, USA.
14. *Boisjoly, G., & El-Geneidy, A. (2016). *Daily fluctuations in transit and jobs availability: A comparative assessment of time-sensitive accessibility measures*. Paper presented at the American Association of Geographers (AAG) annual meeting, San Francisco, CA, USA.

15. El-Geneidy, A., Buliung, R., *Diab, E., *van Lierop, *Langlois, M., & *Legrain, A. (2015). *Non-stop equity: Assessing transit accessibility and social disparity over time*. Paper presented at the 2015 NECTAR Conference, Ann Arbor, Michigan, USA.
16. *Legrain, A., Eluru, N., & El-Geneidy, A. (2015). *Am stressed, must travel: The relationship between mode choice and commuting stress*. Paper presented 14th Meeting of the International Association of Travel Behavior Research (IATBR), London, UK.
17. *van Lierop, D., & El-Geneidy, A. (2015). *Capturing loyalty: Personal characteristics, service quality, customer satisfaction, and behavioral intentions in public transit*. Paper presented at the 55th ACSP Annual Conference, Texas, USA.
18. *van Lierop, D., & El-Geneidy, A. (2015). *Enjoying loyalty: The relationship between service quality, customer satisfaction, and behavioral intentions in public transit*. Paper presented at the Thredbo 14 Conference, Santiago, Chile.
19. *Stewart, C., *Diab, E., Bertini, R., & El-Geneidy, A. (2015). *Perspectives on transit: Potential benefits of visualizing transit data*. Paper presented at the 14th International Conference on Computers in Urban Planning and Urban Management. (CUPUM), Boston Massachusetts, USA.
20. El-Geneidy, A., Manaugh, K., & *van Lierop, D. (2014). *Assessing The Big Move: Accessibility Measures as a Planning Support Tool*. Paper presented at CITTA 7th Annual Conference on Planning Research, Portugal.
21. *van Lierop, D., Maat, K., & El-Geneidy, A. (2014). *An interview with Transit-Oriented Development: Advice from the United States, Canada, and the Netherlands*. Paper presented at the 54th ACSP Annual Conference, Center City, Philadelphia, PA.
22. *van Lierop, D., Lee, B., & El-Geneidy, A. (2013). *Secure investment for active transportation: Willingness to pay for secured bicycle parking in Montreal, Canada*. Paper presented at the Bicycle Urbanism Symposium, Seattle, Washington.
23. *Foth, N., *Manaugh, K., & El-Geneidy, A. (2012). *Social equity implications of increased transit accessibility: a case study in Toronto*. Paper presented at the 53rd ACSP Conference, Cincinnati, OH.
24. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2012). *Understanding Cycling Behaviour: An examination of the relationship among cyclists motivations satisfaction levels and neighbourhood bikeability*. Paper presented at the 13th Meeting of the International Association of Travel Behavior Research (IATBR), Toronto, Canada.
25. *Willis, D., *Manaugh, K., & El-Geneidy, A. (2012). *Uniquely satisfied: Exploring cyclists trip satisfaction*. Paper presented at Velo-City Global 2012, Vancouver, British Columbia, Canada.
26. *Manaugh, K., Badami, M., & El-Geneidy, A. (2011). *Prioritizing and balancing environmental and social equity goals: A review of current North American transportation plans*. Paper presented at the 52nd ACSP Conference, Salt Lake City, UT.
27. *Sangster, E., *Larsen, J., El-Geneidy, A., & Bornstein, L. (2011). *Perception and reality: Understanding the differences between perceived and observed road safety; A Montreal, Canada*

- case study*. Paper to be presented at the Urban Affairs Association 41st Conference, New Orleans, Louisiana.
28. *Manaugh, K., & El-Geneidy, A. (2010). *Who benefits from new transportation infrastructure? Using accessibility measures to evaluate social equity*. Paper presented at the 57th Annual North American Meeting of the Regional Science Association International, Denver, Colorado.
 29. *Manaugh, K., & El-Geneidy, A. (2010). *Testing walkability indexes: How well do walkability indexes predict pedestrian behaviour?* Paper presented at the 51st ACSP Conference, Twin Cities, Minnesota.
 30. *Surprenant-Legault, J., & El-Geneidy, A. (2009). *The Spatial Patterns of Home and Work Locations of Two-Worker Households in Montréal, QC, Canada*. Paper presented at the 50th ACSP Conference, Crystal City, Virginia.
 31. El-Geneidy, A., & *Cerdá, A. (2009). *Relating household accessibility measures to global ones*. Paper presented at the 50th ACSP Conference, Crystal City, Virginia.
 32. *Cerdá, A., El-Geneidy, A., Fischler, R., Luka, N., *Tétreault, P., & *Manaugh, K. (2009). *The use of accessibility measures to evaluate the impacts of transportation plans: An application in Montréal, Québec*. Paper presented at the 1st Transatlantic NECTAR Conference, Arlington, Virginia, USA.
 33. Levinson, D., & El-Geneidy, A. (2009). *Place rank: A flow based accessibility measure*. Paper presented at the 1st Transatlantic NECTAR Conference, Arlington, Virginia, USA.
 34. El-Geneidy, A. (2008). *Relating household accessibility measures to global ones*. Paper presented at 55th Annual North American Meetings of the Regional Science Association International, New York, USA.
 35. *Kastelberger, L., El-Geneidy, A., & *Abdelhamid, H. (2008). *Montréal's Roots: Exploring the change in accessibility over time in Montréal's Indoor City*. Paper presented at 55th Annual North American Meetings of the Regional Science Association International, New York, USA.
 36. *Green, I., & El-Geneidy, A. (2008). *Understanding the effect of business improvement districts on pedestrian behavior: A case study of Ottawa*. Paper presented at the ACSP-AESOP 4th Annual Conference, Chicago, IL, USA.
 37. *Tétreault, P., & El-Geneidy, A. (2008). *A detailed analysis of Montréal's commuters behavior*. Paper presented at the ACSP-AESOP 4th Annual Conference, Chicago, IL, USA.
 38. El-Geneidy, A., & Levinson, D. (2008). *Place rank: A new accessibility measure*. Paper to be presented at the 2008 Meeting of the Association of American Geographers, Boston Massachusetts.
 39. *Horning, J., El-Geneidy, A., & Krizek, K. (2007). *Perceptions of Proximity to Urban Trails and Measurement Issues*. Paper presented at the 37th Urban Affairs Annual Meeting, Seattle, Washington, USA.

40. Krizek, K., Thomson, K., & El-Geneidy, A. (2006). *A detailed analysis of the influence of an urban trail system on travel behavior*. Paper presented at the 11th Meeting of the International Association of Travel Behavior Research (IATBR), Kyoto, Japan.
41. Krizek, K., & El-Geneidy, A. (2005). *A micro-level analysis of bicycle commuting and facility construction using longitudinal data*. Paper presented at the North American Meetings of the Regional Science Association International 52nd Annual Conference, Las Vegas, Nevada, USA.
42. El-Geneidy, A., & Kimpel, T. (2004). *Understanding the demand for bus transit service: A new approach*. Paper presented at the Association of Collegiate Schools of Planning 15th Annual Conference, Portland, Oregon, USA.

Articles currently under review

* Denotes Graduate or Undergraduate Student

1. *Boisjoly, G., *Grisé, E., *Maguire, M., *Veillette, M., *Deboosere, R., *Berrebi, E., & El-Geneidy, A. (resubmitted). Invest in the ride: A 14 year longitudinal analysis of the determinants of public transport ridership in 25 North American cities. *Transportation Research Part A: Policy and Practice*.
2. *Deboosere, R., Levinson, D., & El-Geneidy, A. (resubmitted). Accessibility-oriented development. *Journal of Transport Geography*.
3. *Deboosere, R., *Boisjoly, G., & El-Geneidy, A. (resubmitted). Understanding the relationship between changes in accessibility to jobs, income and unemployment in Toronto, Canada. *Book Chapter*.
4. *Fordham, L., *van Lierop, D., & El-Geneidy, A. (resubmitted). Can't get no satisfaction: Examining the influence of commuting on overall life satisfaction. *In Quality of Life and Daily Travel*.

Professional Presentations

1. Boisjoly, G., Deboosere, R., & El-Geneidy, A. (March 2018). Accessibilité aux opportunités urbaines: Les meilleures pratiques dans la planification des transports. Autorité régionale de transport métropolitain (ARTM), Montréal, Québec, Canada.
2. El-Geneidy, A. (April 2017). *Using Archived APC/AVL Data to Target Customer Experience*. Ontario Transportation Expo (OTE), Toronto, Ontario, Canada.
3. El-Geneidy, A. (February 2017). *Approaching Planning for Active Transport in Class Room*. Online webinar for the Association of Pedestrian and Bicycle Professionals (APBP), Lexington, KY, USA.
4. El-Geneidy, A. (May 2016). *How to improve efficiency of bus priority lane and Transit Signal Priority (TSP)*. Société de Transport de Montréal (STM), Montréal, Québec, Canada.

5. *Boisjoly, G., & El-Geneidy, A. (May 2016). *Consulation auprès des cyclistes de la ville de Québec: Recommandations*. Ville de Quebec, Quebec, QC, Canada.
6. *Boisjoly, G., *Verbich, D., & El-Geneidy, A. (April 2016). *Qui sont les cyclistes de Québec? Résultats de la consultation menée auprès des résidents de la région de Québec à l'automne 2015*. 51e congrès de AQTr - Association québécoise des transports, Quebec, QC, Canada.
7. *Boisjoly, G., & El-Geneidy, A. (April 2016). *Consulation auprès des cyclistes de la ville de Québec*. Ville de Quebec, Quebec, QC, Canada.
8. El-Geneidy, A. (March 2016). *Travel fair: Assessing equity through accessibility*. University of California Berkeley, CA, USA.
9. El-Geneidy, A. (January 2016). *Teaching planning for active transportation*. Pedestrian and Bicycle University Education Joint Subcommittee, Transportation Research Board Annual Meeting, Washington DC, USA.
10. *van Lierop, D., & El-Geneidy, A. (October 2015). *Getting committed: A perspective on public transit market segmentation*. Société de Transport de Montréal (STM), Montréal, Québec, Canada.
11. El-Geneidy, A. (April 2015). *Transit to the future: Stress and satisfaction in public transport systems*. University College London (UCL), London, UK.
12. El-Geneidy, A. (February 2015). *Non-stop equity: Assessing transit accessibility and social disparity over time in the GTHA*. University of Toronto ITE Seminar Series, Toronto, Canada.
13. El-Geneidy, A. (October 2014). *Transit to the Future: A different perspective on public transit market*. Webinar for the Bus Rapid Transit, Center for Excellence, Santiago, Chile.
14. El-Geneidy, A. (September 2014). *The challenges of sustainability: A closer look at the transit system*. Transportation Association of Canada, Conference and Exhibition, Montréal, Québec, Canada.
15. *Legrain, A., *Langlois, M., Buliung, R., & El-Geneidy, A. (September 2014). *Non-stop equity: Equitable transit accessibility in the GTHA*. Metrolinx, Toronto, Ontario, Canada.
16. *St-Louis, E., Manaugh, K., & El-Geneidy, A. (December 2013). *Findings from the 2013 McGill commuter survey*. Senate Committee on Physical Development, McGill University, Montréal, Québec, Canada.
17. *Shaw, E., *St-Louis, E., Manaugh, K., *van Lierop, D., Stewart, C., & El-Geneidy, A. (July 2013). *Findings from the 2013 McGill commuter survey*. McGill Sustainability office, McGill University, Montreal, Quebec, Canada.
18. El-Geneidy, A. (July 2013). *Innovation in improving bus transit service: A success story from Montreal, Canada*. OTB, Delft University of Technology, Delft, the Netherlands.
19. El-Geneidy, A. (April 2013). *Access to Destinations: The use of GIS visualizing accessibility impacts of transportation infrastructure projects*. Geospectives, Department of Geography, McGill University, Montreal, Quebec, Canada.

20. El-Geneidy, A. (January 2013). *Examples of interdisciplinary research in transport, GIS, environment, and computer science*. Umm Al Qura University, Jeddah, Saudi Arabia.
21. *van Lierop, D., & El-Geneidy, A. (November 2012). *Breaking into bicycle theft: Insights from Montreal, Canada*. City of Montreal, Le comité sur le vol de velo, Montreal, Quebec, Canada.
22. *Manaugh, K., *Foth, N., & El-Geneidy, A. (May 2012). *Greater Toronto destination access: Past & future land use and transport interaction in the GTHA*. Metrolinx, Toronto, Ontario, Canada.
23. El-Geneidy, A. (May 2012). *Highlights of Transportation Research at McGill (TRAM) for Ministry of Transport in Saudi Arabia Delegation to Quebec*. School of Urban Planning, McGill University, Montréal, Québec, Canada.
24. *Jacques, C., *Manaugh, K., Eluru, N., & El-Geneidy, A. (March 2012). *Highlights from the McGill travel survey*. Senate Committee on Physical Development, McGill University, Montréal, Québec, Canada.
25. El-Geneidy, A. & Eluru, N. (November 2011). *Prioritizing and balancing environmental and social equity goals In Transportation Planning*. World Bank, Washington DC, USA.
26. El-Geneidy, A. (June, 2011). *Towards a better understanding of the public transit market*. TRB's Transit Research Analysis Committee (TRAC), Washington DC, USA.
27. El-Geneidy, A. (July 2011). *Highlights of Transportation Research at McGill (TRAM) for National German Association of Transportation Scientist Delegation to Quebec*. Civil Engineering Department, McGill University, Montréal, Québec, Canada.
28. El-Geneidy, A. (March, 2011). *Accessibility: A measure for land use and transportation performance*. World Bank Transport Forum, Washington DC, USA.
29. *Bachand-Marleau, J., *Larsen, J., & El-Geneidy, A. (March, 2011). *Intégration du Vélo et du transport en commun: résultats de l'enquête du TRAM 2010*. Agence Métropolitaine de Transport (AMT), Montréal, Québec, Canada.
30. *Bachand-Marleau, J., *Larsen, J., & El-Geneidy, A. (December, 2010). *Intégration du Vélo et du transport en commun: résultats de l'enquête du TRAM 2010*. Comité Transport Actif of the Association Québécoise du Transport et des Routes, Montréal, Québec, Canada.
31. *Bachand-Marleau, J., *Larsen, J., & El-Geneidy, A. (November, 2010). *Cycling transit integration: Findings from TRAM 2010 summer survey*. Société de Transport de Montréal (STM), Montréal, Québec, Canada.
32. El-Geneidy, A. (October, 2010). *The use of AVL and APC technologies in public transit planning and operations*. CIISE Distinguished Seminar Series, Concordia University, Montréal, Québec, Canada.
33. El-Geneidy, A., *Cerdá, A., & *Surprenant-Legault, J. (December, 2009). *Accessibility: A land use and transportation performance measure*. Communauté métropolitaine de Montréal

34. *Cerdá, A., & El-Geneidy, A. (November, 2009). *Accessibility: A land use and transportation performance measure*. Direction de santé publique de Montréal.
35. *Cerdá, A., El-Geneidy, A., & Fischler, R. (June, 2009). *The use of accessibility measures to evaluate the impacts of transportation plans: An application in Montréal, Québec*. City of Montréal.
36. El-Geneidy, A. (May, 2009). *The use of accessibility measures to evaluate the impacts of transportation plans: An application in Montréal, Québec*. CIRRELT.
37. El-Geneidy, A. (January, 2008). *Introduction & The use of archived ITS data in transit operations and planning*. Transportation Research at McGill Seminar Series, Montréal, Québec, Canada.
38. El-Geneidy, A. (November, 2007). *Generating accessibility measures for the Twin Cities region: Methods and lessons learned*. University of Montréal, Centre Interuniversitaire de Recherche sur les Réseaux d'Entreprise, la Logistique et le Transport pour le Québec, le Canada et le monde (CIRRELT).
39. El-Geneidy, A., & *Horning, J. (July, 2007). *Analyzing transit service reliability using detailed data from automatic vehicular locator systems*. Metro Transit, Minneapolis Minnesota, USA.
40. Krizek, K., & El-Geneidy, A. (November, 2006) *Refining methods for calculating non-auto travel time*. Access to Destinations Seminar Series, Minneapolis, Minnesota, USA.
41. Levinson, D., & El-Geneidy, A. (May, 2006). *Access to destinations: Development of accessibility measures*, CTS Annual Meeting, Minneapolis, Minnesota, USA.
42. El-Geneidy, A., & Levinson, D. (May, 2006). *Place Rank: A new accessibility measure*. CTS Annual Meeting, Minneapolis, Minnesota, USA.
43. Krizek, K., & El-Geneidy, A. (May 2006) *Refining methods for calculating non-auto travel time*. CTS Annual Meeting, Minneapolis, Minnesota, USA.
44. El-Geneidy, A., & Levinson, D. (February, 2006). *Access to destinations: Development of accessibility measures, Final report*. MNDOT, Minneapolis, Minnesota, USA.
45. El-Geneidy, A., & Levinson, D. (December, 2005). *Access to destinations: Development of accessibility measures, interim report*. MNDOT, Minneapolis, Minnesota, USA.
46. Krizek, K., & El-Geneidy, A. (November, 2005). *Understanding the potential market of metro transit's ridership and services and how technology can help*. Advanced Technologies Seminar Series, ITS Institute University of Minnesota Twin Cities, Minneapolis, Minnesota, USA.
47. Krizek, K., & El-Geneidy, A. (October 2005) *Refining methods for calculating non-auto travel times, interim report*. Center for Transportation Studies (CTS), Minneapolis, Minnesota, USA.
48. El-Geneidy, A., & Levinson, D. (August, 2005). *Access to destinations: Development of accessibility measures, interim report*. MNDOT, Minneapolis, Minnesota, USA.

49. El-Geneidy, A. (June, 2005). *Assessing the benefits of bus stop consolidation program in Portland Oregon*. TriMet, Portland, Oregon, USA.
50. El-Geneidy, A. (December, 2004). *Integration of intelligent transportation systems data for validation purposes*. ITS Oregon, Portland, Oregon, USA.
51. El-Geneidy, A. (October, 2004). *Understanding the demand for bus transit service: A new approach*. Association of Collegiate Schools of Planning Annual Conference, Portland, Oregon, USA.
52. El-Geneidy, A. (October, 2004). *Toward validation of freeway loop detector speed measurements using transit probe data*. IEEE 7th Annual Conference on Intelligent Transportation Systems, Washington D.C., USA.
53. El-Geneidy, A. (February, 2004). *Intelligent transportation data integration: Analysis of loop detector accuracy in reporting speed using bus transit AVL data*. Northwest Transportation Conference, Corvallis, Oregon, USA.
54. El-Geneidy, A. (July, 2002). *The effect of noise generated from transportation infrastructure on nearby land value*. ACSP PhD Students workshop, Chicago, Illinois, USA.
55. El-Geneidy, A. (February, 2002). *Ramp meter performance measure: Portland Oregon*. NorthWest Transportation Conference, Corvallis, Oregon, USA.
56. El-Geneidy, A. (October 2001). *Intelligent transportation systems: A decision support system, Alexandria Egypt*. Center for Urban Studies, Transportation Research Group Seminar Series, Portland, Oregon, USA.

Invited workshops and round tables

1. Urban Land Institute, Toronto Symposium, panel session Mobility for all: Is it even possible? Toronto, April 2017.
2. Panel discussion Ericsson Smart City Challenge, Montréal, November, 2016.
3. Accessible Canada, Montréal, November, 2016.
4. Special Transportation Panel with Federal Transport Minister Marc Garneau, Westmount, November, 2016.
5. Ministère des Transports du Québec, Vision 2030: Alternatives au scénario cours normal des choses. Québec, Canada: Ministère des Transports du Québec, 2012.
6. Transport Canada's Innovation in Transportation Workshop, Montréal, 2011.

Scholarly Work in Progress

1. *Boisjoly, G. & El-Geneidy (In preparation). Access to desired destinations: An evaluation of the land use and transportation systems performance for different income groups using a combined measure of accessibility.
2. *Boisjoly, G. & El-Geneidy (In preparation). Equity analysis in Brazilian cities using accessibility by public transport.
3. *Grisé, E., & El-Geneidy, A. (In preparation). Impacts of transport apps on behavior of users.
4. El-Geneidy, A., & *Grisé, E., (In preparation). Transport to the future: Transport and land-use interaction in cities. In R. Walker, M. Moos, & T. Vinodrai (Eds.), *Canadian Cities in Transition (6th Edition)*.
5. *Villette, M., Wasfi, R., Ross, N., & El-Geneidy, A. (In preparation). Measuring the health benefits from walking to public transport through various data sources.

Grants and Sponsored Research Projects

Title	Sponsor	Role	Period	Total
Towards a better understanding of the determinants and satisfaction of travel among different groups in major Canadian Cities.	Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant program	PI	2018 - 2023	\$190,000
Access Across Canada: Measuring vulnerability and accessibility by public transit in major Canadian cities	Social Sciences and Humanities Research Council (SSHRC)	PI	2017 - 2020	\$230,621
Collaborators: Kevin Manaugh, McGill University and Ron Buliung, University of Toronto.				
Évaluation du réseau cyclable de la Ville de Québec par le biais de mesures d'accessibilité	Ville de Quebec	PI	2016 - 2017	\$20,300
Portrait de l'accessibilité en transport durable de Montréal	Ville de Montreal	PI	2015 - 2016	\$24,999
Pour une meilleure compréhension des différents types de cyclistes à Québec	Ville de Quebec	PI	2015 - 2016	\$18,480
Will all door boarding lead to savings? Exploring the impacts of all door boardings strategies on bus transit operations	Natural Sciences and Engineering Research Council of Canada (NSERC) CRD program	PI	2014 - 2015	\$23,760
Est-ce qu'un système d'embarquement par toutes portes permettrait des économies? Une exploration des impacts des stratégies d'embarquement par toutes portes sur les opérations d'un système d'autobus	Société de Transport de Montréal (STM)	PI	2014 - 2015	\$24,600

Title	Sponsor	Role	Period	Total
Measuring changes in levels of accessibility in the GTHA and its impacts on mode choice. Collaborator: Ron Buliung, University of Toronto	Metrolinx	PI	2014 - 2015	\$65,000
Towards a better understanding of trip satisfaction, behavior and needs among different groups of population over time.	Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant program	PI	2013 - 2018	\$120,000
Direction de la planification et de la coordination des ressources Collaborator: Zachary Patterson, Concordia University	Ministère des Transports du Québec (MTQ)	Co-PI	2011 - 2014	\$80,000
Platform for Transportation Data Archiving, Processing, Analysis and Visualization Collaborators: Nicolas Saunier (PI), Luis Miranda-Moreno, Bernard Gendron, Theodor Crainic, Catherine Morency, Martin Trépanier, Zachary Patterson, Marianne Hatzopoulou, Francois Bellavance, Michael Florian, Michel Gendreau, and Patrick Morency.	Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments	Co-PI	2012	\$115,165
Crowding and Dwell Time on Transit Vehicles: A Fine-Grained Analysis Collaborator: Grant Fletcher, Graduate Student, McGill University	MITACS	PI	2012	\$15,000
Seminar Support for Innovation in ITS	Transport Canada	PI	2011 - 2012	\$2,500
Extrabournd Planning	CSched	PI	2011 - 2012	\$26,980
Accessibility: A land use and transportation performance measure applied to the Toronto Metropolitan region Collaborators: Khandker Nurul Habib, University of Toronto	Metrolinx	Co-PI	2011 - 2012	\$73,700
McGill transportation survey Collaborators: Naveen Eluru and Marianne Hatzopoulou	McGill Office of Sustainability	PI	2010 - 2011	\$24,000
Élaboration d'une vision québécoise des transports à l'horizon 2030 Collaborators: Bernard Gendron, University of Montréal, Teodor Gabriel Crainic, University of Québec in Montrael (UQAM) and Catherine Morency École Polytechnique de Montréal.	Ministère des Transports du Québec (MTQ)	Co-PI	2010 - 2011	\$245,000
TRAM transportation seminar, speaker sponsorship (2)	GENIVAR	PI	2010 - 2011	\$2,000
Towards a better understanding of the link between accessibility and travel behavior	Fonds québécois de la recherche sur la nature	PI	2010 - 2012	\$56,000

Title	Sponsor	Role	Period	Total
	et les technologies (FQRNT) Établissement de nouveaux chercheurs			
The effects of using articulated buses on transit performance	Société de Transport de Montréal (STM)	PI	2010	\$4,900
Evaluation of the impacts of speed reductions in Montréal (Phase 2) Collaborator Luis Miranda-Moreno, McGill University	CIMA+	Co-PI	2010	\$7,000
Competing or complementary bus routes?	Natural Sciences and Engineering Research Council of Canada (NSERC) CRD program	PI	2010 - 2011	\$20,827
Competing or complementing bus routes?	Société de Transport de Montréal (STM)	PI	2010 - 2011	\$18,200
Evaluation of the impacts of speed reductions in Montréal Collaborator Luis Miranda-Moreno, McGill University	CIMA+	PI	2009	\$5,000
TRAM transportation seminar, speaker sponsorship	GENIVAR	PI	2009 - 2010	\$2,500
Decreasing accident rates on the island of Montréal Collaborator Luis Miranda-Moreno, McGill University	CIMA+	Co-PI	2009	\$20,000
Generating transit accessibility for the Montréal region	Agence Métropolitaine de Transport (AMT)	PI	2009	\$10,000
Hazardous materials transportation in urban areas: Risk assessment and regulation Collaborators Vedat Verter, McGill University and Manish Verma, Memorial University	Social Sciences and Humanities Research Council (SSHRC)	Co-PI	2009 - 2011	\$177,344
Optimizing bus service in the Montréal region	Société de Transport de Montréal (STM)	PI	2008 - 2009	\$17,000
Optimizing bus service in the Montréal region	Natural Sciences and Engineering Research Council of Canada (NSERC) CRD program	PI	2008 - 2009	\$20,283
Accessibility: A performance measure for land use and transportation planning in the Montréal Metropolitan region	Ministère des Transports du Québec (MTQ)	PI	2008 - 2009	\$50,000
Measuring land use and transportation performance in the Montréal metropolitan region	Natural Sciences and Engineering Research Council of Canada	PI	2008 - 2013	\$91,500

Title	Sponsor	Role	Period	Total
	(NSERC) Discovery Grant program			
McGill Startup Grant	McGill University	PI	2008 - 2011	\$50,000
Total in Canadian Dollars				\$1,627,038
Access to destinations: Application of accessibility measures for non-auto travel modes Collaborator Kevin Krizek, University of Minnesota	Minnesota Department of Transportation	Co-PI	2007 – 2009	\$198,000
Evaluation of potential BRT corridors in the Twin Cities Region With John Hordous, University of Minnesota	Hennepin County	PI	2006 – 2008	\$92,950
Using archived ITS data to improve transit performance and management Collaborators Kevin Krizek and David Levinson, University of Minnesota	Minnesota Department of Transportation	PI	2006 - 2007	\$38,500
Access to destinations: Monitoring land use activity changes in the twin cities metropolitan region Collaborator David Levinson, University of Minnesota	Minnesota Department of Transportation / Hennepin County	Co-PI	2006 - 2007	\$88,000
How close is close enough? Estimating accurate distance decay functions for different purposes and multiple modes Collaborator Kevin Krizek, University of Minnesota	Minnesota Department of Transportation	Co-PI	2006 - 2007	\$55,510
Parcel level land use data acquisition & analysis for measuring non-auto accessibility Collaborator Kevin Krizek, University of Minnesota	Minnesota Department of Transportation / Hennepin County	Co-PI	2006 - 2007	\$85,000
Total in American Dollars				\$557,960

Consulting projects

Title	Sponsor	Role	Period	Total
Accessibility by public transport in Thunderbay Ontario	Stantec	PI	2017 - 2018	\$10,000
Evaluation of accessibility implementation in practice	Brookings Institution	PI	2016	\$8,000
Rail boarding technologies for people with disability With Real Time Engineering Consulting	Transport Canada	PI	2014 - 2015	\$14,500

Reviewing the Public Transport and the Next Generation: Final report	NZ Transport Agency	PI	2014	\$1,200
The state of sustainable transportation in the middle east	UN-Habitat	PI	2010	\$13,800
Mise en œuvre du Plan de transport de Montréal Étude des impacts sur l'aménagement et le développement du territoire With Raphael Fischler and Nik Luka, McGill University	Ville de Montréal	PI	2008	\$25,000

Teaching Experience

McGill University

Planning for Active Transportation (URBP 504)

(Winter 2010) attendance 18 students
(Winter 2011) attendance 12 students
(Winter 2012) attendance 12 students
(Winter 2013) attendance 11 students
(Winter 2014) attendance 13 students
(Fall 2015) attendance 17 students
(Fall 2016) attendance 19 students
(Winter 2018) attendance 25 students

GIS applications (URBP 505)

Winter (2016) attendance 21 students co-taught with David Wachsmuth

Transportation Seminar (URBP 536)

(Winter 2008) attendance 23 students
(Fall 2008) attendance 21 students
(Winter 2009) attendance 20 students
(Fall 2009) attendance 16 students
(Winter 2010) attendance 27 students
(Fall 2010) attendance 18 students
(Winter 2011) attendance 19 students
(Fall 2011) attendance 19 students
(Winter 2012) attendance 19 students
(Fall 2012) attendance 17 students
(Winter 2013) attendance 19 students
(Fall 2013) attendance 19 students co- taught with *Dea van Lierop
(Fall 2016) attendance 13 students co- taught with *Dea van Lierop & *Geneveive Boisjoly

Advanced GIS Application (URBP 608)

(Fall 2009) attendance 7 students
(Fall 2011) attendance 8 students co-taught with *Kevin Manaugh

Reading course in Urban Planning (URBP 607)

(Winter 2010) attendance 1 student

(Fall 2010) attendance 5 students (3 on transportation economics)

(Winter 2011) attendance 2 students

(Winter 2012) attendance 3 students

(Fall 2017) attendance 2 students

Selected topics in Urban Planning: Urban Economics (URBP 617)

(Fall 2008) attendance 8 students

Land use and Transportation Planning (URBP 619)

(Winter 2008) attendance 19 students

(Winter 2009) attendance 9 students

(Winter 2010) attendance 15 students

(Winter 2011) attendance 16 students

(Winter 2012) attendance 15 students co-taught with *Kevin Manaugh

(Winter 2013) attendance 16 students co-taught with *Kevin Manaugh

(Winter 2014) attendance 18 students

(Winter 2015) attendance 23 students

(Winter 2016) attendance 16 students co-taught with *Dea van Lierop

(Winter 2017) attendance 9 students co-taught with Genevieve Boisjoly

(Winter 2018) attendance 22 students co-taught with Emily Grise

Transportation Economics (URBP 620)

(Fall 2012) attendance 8 students

(Fall 2015) attendance 12 students

(Fall 2016) attendance 11 students

(Fall 2017) attendance 8 students

Planning Principles and Practice (URBP 625) co-taught with *Dea van Lierop and *Ehab Diab

(Fall 2015) attendance 9 students

Research Methods (URBP 633)

(Fall 2016) attendance 22 students co-taught one module with Emily Grise

University of Minnesota

Guest Lecturer

Networks and Places – Transportation, Land use and Design (PA 8202 / CE 8202)

1- Bus Stop Spacing and Design (Winter 2007)

2- Accessibility: A Measure for Monitoring Land and Transportation Performance (Winter 2007)

3- Effects of Transportation Infrastructure on Near By Land Values (Winter 2007)

Planning Decision Support Systems (PA 5290)

Visualizations in Planning Support Systems (Winter 2007)

GIS in Planning and Policy Analysis (PA 5271-1)

An introduction to ArcGIS 3D Analyst and ArcGIS Geostatistical Analyst (Fall 2006)

Urban and Regional Planning (PA 4200-1)

Applications of Information Technologies in Urban Planning (Fall-2005)

Portland State University

Co-Teaching

Portland Traffic and Transportation (USP 510)
With Rick Gustafson and Dan Bower (Fall-2004, Spring-2005)

Satellite Digital Image Analysis (GOEG 481/581)
With Michael Emch (Winter-2004)

Advanced Geographic Information System Applications (USP 593)
With Thomas J. Kimpel (Fall-2003)

Guest Lecturer

Intelligent Transportation Systems (CE 455/555)
Toward Validation of Freeway Loop Detector Speed Measurements Using Transit Probe Data
(Fall-2004)

Geography Applications to Planning (USP 543)
Introduction to Linear Referencing (Spring-2004)

Metropolitan Data Analysis (USP 535)
Introduction to Regression Analysis (Spring-2004).

Geographic Data Analysis and Display (USP 531)
Spatial Data Quality and Metadata (Fall-2004)

Housing Economics (USP 573)
The Effect of Noise Generated from Transportation Infrastructure on Nearby Land Value (Fall-2004)

Intelligent Transportation Systems (CE 455/555)
GIS Applications in ITS: Examples from Research Projects (Fall-2002)

GIS Applications for Civil Engineers (CE 410/510)
Applications of GIS in Transportation Engineering: Some Examples (Fall-2002)

Alexandria University, Egypt

Community Development Courses

- Teaching Auto-Cad 2D & 3D courses, Computer Center, Department of Computer Science and Automatic Control, Alexandria University, Egypt (1999, 2000, and 2001).
- Teaching Auto-Cad 2D course, Center for Community Services, Alexandria University, Egypt (2000).

Courses were attended by student from various specialties such as: Geography, Interior Design, Architectural Engineering, Civil Engineering, Mechanical Power Engineering, Production Engineering, Electrical Engineering, Textile Engineering, and Naval Architecture & Marine Engineering.

- Student Summer Training (Building Documentation), Department of Architectural Engineering, Alexandria University, Egypt (1999).

Department of Architectural Engineering (1997-2001)

Architectural Drawing and Design (I)
Sciagraphy and Perspective
Computer Applications in Architecture
City Planning (III)
Introduction to Geographic Information System
Architecture Design (III)
Interior Design
Working Drawings (III)
Working Drawings and Detailed Design (IV)
Urban Design and Planning (IV)
Bill of Quantitative and Specifications
Theories of Architecture (IV)
Graduation Thesis, Public buildings
Graduation Thesis, Housing

Student Supervision

Currently Supervised Graduated and Undergraduate Students

Name	Degree	Start Year	Thesis title or Research topic	Awards/ Fellowship
Geneviève Boisjoly	PhD	2015	Access to Destinations from research to policy and practice Equity and satisfaction with public transport services using a spatial analysis approach.	SSHRC, FRQNT & MEDA
Emily Grisé	PhD	2015		SSHRC & MEDA
Eli Heyman	Master's	2017		SSHRC
Marie-Pier Viellete	Master's	2017		SSHRC

Current TRAM Supported Students and Fellows

Name	Affiliation	Start Year
Geneviève Boisjoly	PhD - Urban Planning	2015
Emily Grisé	PhD - Urban Planning	2015
Nick Chaloux	Master's in Urban Planning	2018
Catherine Cui	Master's in Civil Engineering	2018
Robbin Deboosere	Master's in Urban Planning	2017
Maaz Khan	Master's in Urban Planning	2018
Anders Turim	Undergrad Department of geography	2018
Marie-Pier Viellete	Master's in Urban Planning	2016

Supervised PhD Students at McGill School of Urban Planning

Name	Year	Awards/ Fellowship
Dea van Lierop	2012 - 2017	SSHRC & MEDA

Name	Year	Awards/ Fellowship
Dissertation Title:	Enjoying the Ride: Experience, Motivation, Satisfaction, and Loyalty in Public Transit	
Position after Graduation:	Transit Advisory Consultant, Stantec	
Ehab Diab	2010 - 2015	MEDA & CIRRELT
Dissertation Title:	Urban public transportation systems: Understanding the impacts of service improvement strategies on service reliability and passenger's perception	
Position after Graduation:	NSERC Post-Doctoral Research Fellow, Civil Engineering, University of Toronto.	
Kevin Manaugh	2010 - 2013	FQRSC and MEDA
Dissertation Title:	Incorporating issues of social justice and equity into transportation planning and policy	
Position after Graduation:	Assistant Professor, Department of Geography and School of Environment, McGill University	

Supervised and Graduated Master's Students at McGill School of Urban Planning

Name	Year	Awards/ Fellowship	Employer at Graduation
Robbin Deboosere	2017		Ministry of Transport, Ontario.
		Assessing accessibility: Accessibility improvements and neighbourhood development	
Lesley Fordham	2017	Ron Rice	City of Vancouver
	SRP Title:	Travel behaviour, neighbourhood preference, and the changing demand of an aging population: Analyzing generational differences in household location and mode choice of older adults in Montreal	
Laura Furst	2017		The National Association for Latino Community Asset Builders, Texas.
	SRP Title:	Finding Space: Assessing how planning responds to tiny houses for homeless populations	
Mark Onderwater	2017		WSP
	SRP Title:	Liveability: Who's experiencing it and where is it? Defining liveability through spatial urban metrics and citizen input	
Nicole Ratti	2017	SSHRC	Stantec
	SRP Title:	Not all hubs are created equal: An analysis of future mobility hubs in the Greater Toronto Area	
Michael Wexler	2016		Copenhagenize
	SRP Title:	Keep'em separated: A desire lines analysis of bidirectional cycle tracks in Montreal	
Scott Bagg	2016	SSHRC	Steer Davies Gleave
	SRP Title:	Riding with Robots: Determining the size of an autonomous vehicle fleet	

Name	Year	Awards/ Fellowship	Employer at Graduation
		for use as an alternative to traditional transit in low-density neighbourhoods	
Charis Loong	2016	SSHRC	Aplin Martin
	SRP Title:	Active Transportation, that's the way to go: Examining the impacts of commuting across various modes and attitudes toward investing in transportation infrastructure	
David Verbich	2016	SSHRC & CIRRELT	WSP
	SRP Title:	Affordable and fair? Analyzing transit fare purchases, service quality, and affordability and their implications for social equity	
Elizabeth Flanagan	2015		Howard Stein Hudson
	SRP Title:	Riding & tandem: Does cycling infrastructure investment mirror gentrification and privilege in Portland, OR and Chicago, IL?	
Myriam Langlois	2015	SSHRC & OUQ Merit award	WSP
	SRP Title:	Travel behavior and level of physical activity in transit oriented-development	
Alexander Legrain	2015	IHSP & Farely Award	Steer Davies Gleave
	SRP Title:	Travelling fair: Low-wage commuting in the Greater Toronto and Hamilton Area	
Vincet Porier	2015		Ville de Mont-Saint-Hilaire
	SRP Title:	Bus transit service: The impact of schedule media type on users' waiting time.	
Colin Stewart	2014	Ron Rice Award	Nexmoov
	SRP Title:	Don't stop just yet: An intuitive, effective, and socially responsible approach to bus stop consolidation	
Gabriel Damant-Sirois	2014	CIRRELT and OUQ Merit award	Damant & Hodder Urbanism
	SRP Title:	Who cycles the most: A segmentation approach to determine cycling frequency in Montreal, Canada	
Daniel Blais	2013	SSHRC	Transport Canada
	SRP Title:	Better living through mobility: The relationship between access to transportation, well-being and type of disability	
Michael Grimsrud	2013	Farley Award	Urban Futures
	SRP Title:	Falling Up and staying high: Commute transit mode share trends in Montreal age groups and birth cohorts.	
Dea van Lierop	2013	CUTA & CIRRELT	PhD Student McGill University
	SRP Title:	Completing the cycle: Assessing bicycle theft and security in Montreal Quebec	
Nicole Foth	2013	McGill SSHRC Award	District of North Vancouver
	SRP Title:	Transit accessibility, social equity & job type commuting to work in Toronto 1996 & 2006	
Christina Peltier	2012		

Name	Year	Awards/ Fellowship	Employer at Graduation
		SRP Title: Public transit financing: What can Detroit learn from other cities?	
Grant Fletcher	2012	CUTA & MITACS	Steer Davies Gleave
		SRP Title: The effects of fare payment and crowding on dwell time: A fine grained analysis.	
Yousaf Shah	2012		Hemson Consulting
		SRP Title: Generating diagnostic tools for land use and transportation performance.	
Mitchell Lavoie	2012	SSHRC & OUQ Merit award	Borough of Ahuntsic-Cartierville City of Montreal
		SRP Title: Characterizing Land Use and Transportation for Transit-Oriented Development in the Montreal Metropolitan Region	
Etienne Faucher	2011		Convercité
		SRP Title: The 31% solution: University transit pass program at the Université de Sherbrooke.	
Julie Bachand-Marleau	2011	OUQ Merit award and Jeanne Wolfe award	AMT
		SRP Title: Innovations in utilitarian cycling: Analyzing characteristics of users and factors influencing their travel behavior.	
Nithya Vijayakumar	2011	CUTA & Farley Award	Translink
		SRP Title: Coordinating schedules of bus routes in a shared service area.	
Angela Brinklow	2010	Farley Award	Metrolinx
		SRP Title: Transit-oriented development: A policy implementation strategy.	
Jacob Larsen	2010	SSHRC and Farley award	PhD student McGill University
		SRP Title: Beyond the bike lane: An analysis of cyclists' travel behavior in Montreal & a methodology for locating new routes.	
Alexandre de Lorimier	2010		Quartier International De Montréal
		SRP Title: Factors affecting vehicle usage and availability in the communauto carsharing network.	
Julien Surprenant-Legault	2010	SSHRC, FQRCS, OUQ Merit award, and CIRRELT award	MTQ
		SRP Title: The spatial patterns affecting home to work distances of two-worker households.	
Nicole Laplante	2010		
		SRP Title: Place au vélo dans une ville du tout-à-l'auto: Pistes de succès à Laval.	
Assumpta Cerda	2009		AMT

Name	Year	Awards/ Fellowship	Employer at Graduation
		SRP Title: Accessibility: a performance measure for land-use and transportation planning in the Montréal Metropolitan Region.	
Matt Hagg	2009		SPH Planning & Consulting
		SRP Title: Making Montreal's Indoor City Accessible for People with Disabilities.	
Kevin Manaugh	2009	OUQ Merit award	PhD Student McGill University
		SRP Title: Neighbourhood level determinants on mode choice and distance for home: based work trips in the Montréal region.	
Paul Tétreault	2009	NSERC and AQTR First prize for the concours de mémoire AIPCR-Québec 2009	GENIVAR
		SRP Title: Design of a parallel limited stop service in Montréal using AVL and APC data.	
Weina Chen	2009		City of Whistler
		SRP Title: Decode the City: A Methodological Study Responding to the New Trend of City "Re-image" Montreal as a Case.	
Ilja Green	2008		CUTA
		SRP Title: To BIA or not to BIA? Assessing Business Improvement Areas in Ottawa, Canada.	
Halldora Hrolfsdottir	2008		GENIVAR
		SRP Title: Integrated Land Use and Transportation Policies: What Can Other Cities Learn from Portland, Oregon?	

Bsc. Students honours thesis reader

Name	Year	Department	Employer at Graduation
Isobel Cully	2015	Department of Geography, McGill University	
		Honours Thesis Title: An Analysis of Cycling Infrastructure Decisions in Montréal, Canada	
Devon Willis	2012	McGill School of Environment	TRAM Group McGill University
		Honours Thesis Title: Impacts of bikability on satisfaction and distance traveled	
Tyler Kreider	2009	Department of Geography, McGill University	Master's in Civil Engineering
		Honours Thesis Title: Access to the Central Business District of Montreal by Public Transportation	

Previously TRAM Supported Students and Fellows

Name	Degree	Date
Robbin Deboosere	Master's - Urban Planning	2017 - 2018
Emma Berrebi	Bsc - Geography	Summer 2017
Meadhbh Maguire	PhD student – Urban Planning	2016 - 2017
Lesley Fordham	Master's - Urban Planning	2016 - 2017

Name	Degree	Date
Nicole Ratti	Master's - Urban Planning	2016 - 2017
Derrick Swallow	Master's - Urban Planning	Summer 2016
Thomas Herman	Bsc - Geography	Summer 2016
David Verbich	Master's - Urban Planning	2015 – 2016
Charis Loong	Master's - Urban Planning	2015 – 2016
Ehab Diab	PhD - Urban Planning	2010 – 2015
Alexander Legrain	Master's - Urban Planning	2014 – 2015
Myriam Langlois	Master's - Urban Planning	2014 – 2015
Colin Stewart	Master's - Urban Planning	2012 – 2014
Gabriel Damant-Sirois	Master's - Urban Planning	2013 – 2014
Emory Shaw	BSc – Department of Geography	Summer 2013
Evelyne St-Louis	BSc – Department of Geography	Summer 2013
Ana Tepavac	BSc – School of Environment	Summer 2013
Michael Grimsrud	Master's - Urban Planning	2012 – 2013
Dea van Lierop	Master's - Urban Planning	2012 – 2013
Kevin Manaugh	PhD - Urban Planning	2010 – 2013
Edwin Horton	Master's - Urban Planning	Fall 2012
Nicole Foth	Master's - Urban Planning	2012 – 2013
Cynthia Jacques	Master's - Urban Planning	2010 – 2012
Devon Willis	BSc – School of Environment	Summer 2012
Anais Mathez	BSc - Geography	2011 – 2012
Jacob Mason	Master's - Urban Planning	2010 – 2011
Vincent Chakour	BSc - Civil Engineering	2011 – 2011
Guillaume Barreau	Research Fellow - Urban Planning	2011 – 2011
Julie Bachand-Marleau	Master's - Urban Planning	2009 – 2011
Nithya Vijayakumar	Master's - Urban Planning	2010 – 2011
Jeffrey Robson	Master's - Urban Planning	2010 – 2011
Jacob Larsen	Master's - Urban Planning	2009 – 2012
Julien Surprenant-Legault	Master's - Urban Planning	2008 – 2010
Raphaelle Aubin	Master's - Urban Planning	2009 – 2010
Hatem Touman Abdelhamid	Post-doctoral - Urban Planning	2008 – 2009
Tyler Kreider	Bsc- Geography	Summer 2009
William Martin-Chin	Bsc- Civil Engineering	Summer 2009
Assumpta Cerda	Master's - Urban Planning	2008 – 2009
Kevin Manaugh	Master's - Urban Planning	2007 – 2009
Paul Tétreault	Master's - Urban Planning	2007 – 2009

Name	Degree	Date
Lisa Kastelberger	Master's - Urban Planning	Summer 2008

Students Supervised and Supported at University of Minnesota

Name	Degree	Date	Awards	Employer at Graduation
Jessica Horning	Master	2006 – 2008	Lloyd B. Short Award for best master's paper at the Humphrey Institute	Cambridge Systematics
Ryan Wilson	Master	2006 - 2007		MnDOT
Kristin Thomson	Master	Summer 2006		Metro Transit

Ph.D. Preliminary Oral Exam Committee

- Mohammad Alobaidi (2016). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Ahmadreza Imani (2015). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Shamsunnahar Yasmin (2013). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Ahsan Alam (2013). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Anae Sobhani (2013). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Sherif Kamel (2008). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.
- Dan Fuller (2010) School of Public Health, Faculty of Medicine, Université de Montréal. Role: External examiner.

Ph.D. Examination Committee

- Saghaee, Gholamreza (2017). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Pro-Dean.
- Pardis Rofouieeraghi (2017). Department of Chemical Engineering, McGill University. Role: Pro-Dean.
- Mathieu Sauvageau (2017). Mining and Materials Engineering, McGill University. Role: External examiner
- Seyed Ahmadreza Faghieh Imani (2016). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Examiner.
- Charles Burke (2016). Department of Geography, McMaster University. Role: External examiner
- Yan Song (2016). Department of Economics, McGill University. Role: Pro-Dean
- Anae Sobhani (2015). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Examiner.
- Ahsan Alam (2015). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Examiner.
- Shamsunnahar Yasmin (2015). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Examiner.

Muhammad Zaka Emad (2013). Department of Mining and Materials Engineering, McGill University. Role: Pro-Dean.
Wael Abdellah (2013). Department of Mining and Materials Engineering, McGill University. Role: Pro-Dean.
Ka Kee Chu (Alfred) (2010). Département des Génies civil, géologique et des mines École Polytechnique de Montréal. Role: External examiner.
Peter Johnson (2009). Department of Geography, McGill University. Role: External examiner.
Ruia Ma (2009). Department of Electrical and Computer Engineering, McGill University. Role: Pro-Dean.

Second Reader for Supervised Research Projects for Master's

Xiaoli Guo (2015). School of Urban Planning, McGill University.
Amelia Bishop (2012). School of Urban Planning, McGill University.
Mark O'Donnell (2008). School of Urban Planning, McGill University.

Master's Thesis or Project Examiner

Frederic Reynaud (2015). Department of Civil Engineering & Applied Mechanics, McGill University.
Tatiana Tobar Valencia (2009). Department of Civil Engineering & Applied Mechanics, McGill University.
Tristan Cherry (2009). Department of Geography, Planning and Environment, Concordia University.

Awards, Scholarships and Recognitions

Recognition

- a. Bousfield Distinguished Visiting Scholar, Department of Geography and Program in Planning, University of Toronto (2014-2015).
- b. Ranked 3rd in Canada in the field of "Design, Urban Design, & Urban Planning" by The Globe and Mail's Report on Business (2012).

Awards

- a. Best Student-led Paper at the 2nd World Symposium on Transport and Land Use Research (WSTLUR), Brisbane, Australia, with Emily Grisé (2017).
- b. Best Student-led Paper at the 1st World Symposium on Transport and Land Use Research (WSTLUR), Whistler, BC, Canada, with Kevin Manaugh (2011).
- c. Early Career Research Excellence Award, Faculty of Engineering, McGill University (2011).
- d. Mauri Clark Fellowship, College of Urban and Public Affairs, Portland State University (2004-2005).
- e. The "Farsy Award" for Architecture, Prof. Dr Mahmoud El-Hakeem Award, Prof. Dr Omar Mahran Award, and Prof. Dr. Mohsen Zahran Award (1997), for ranking top of the Department of Architectural Engineering, Alexandria University (Graduation).
- f. The "Farsy Award" for Architecture 1995, for utilizing computer techniques in architectural design projects Department of Architectural Engineering, Alexandria University.

- g. The “Farsy Award” For Architecture 1995, for ranking top of the Department (Second year) Department of Architectural Engineering, Alexandria University.

Scholarships

- a. Federal Highway Administration Grant to attend the IEEE ITSC in Washington, D.C. 2004.
- b. Portland State University Graduate Research Assistantship 2003 – 2004.
- c. Portland State University Graduate Research Assistantship 2002 - 2003.
- d. The Egyptian Higher Education Scholarship for Studying Abroad 2001 – 2005.
- e. Portland State University Graduate Research Assistantship 2001- 2002.

Service to McGill and Professional Community

Service to McGill

- 1- TRAM data archive (2008 – present).
A data archive including ready to use geographic information system data as well as several transportation databases. The archive is open to the McGill community only to use in research and teaching.
- 2- Member of the Research Ethics Review Board (REB), McGill University (2016 – present).
- 3- Member of the University Tenure Committee (UTC), Faculty of Engineering, McGill University (2016 – 2017) & (2017 – 2018).
- 4- Member of the Geographic Information Centre (GIC) management committee, Department of Geography, McGill University (2014 – present).
- 5- Member, Centre for Interdisciplinary Research on Montréal (CIRM), McGill University (2015 – 2018).
- 6- Member of Faculty of Engineering, McGill University, Academic Committee (2015- 2016).
- 7- McGill travel behavior survey (2015 – 2016).
In collaboration McGill sustainability office to assess the use of sustainable transport modes by McGill community.
- 8- Member of the faculty awards committee, Faculty of Engineering, McGill University (2014).
- 9- TRAM weekly seminar series (2008 – 2013).
A weekly transportation seminar organized at the school of Urban Planning. The seminar is open to public and to the professional community.
- 10- Member of the Faculty of Engineering safety committee, Faculty of Engineering, McGill University (2008 – present).

- 11- Member of the Faculty of Engineering computing committee, Faculty of Engineering, McGill University (2008 – 2015).
- 12- Member of the staff awards of excellence committee, Faculty of Engineering, McGill University (2013).
- 13- McGill travel behavior survey (2013).
In collaboration McGill sustainability office to assess the use of sustainable transport modes by McGill community.
- 14- Member of the advisory board of the Institute for Sustainability in Engineering and Design (ISEAD), McGill University, Montréal, QC (2010 - 2012).
- 15- McGill travel behavior survey (2011).
In collaboration with Naveen Eluru and Marianne Hatzopoulou we have been working with McGill sustainability fund to assess the use of sustainable transport by McGill community through conducting a travel behavior survey.
- 16- Head of Master's in Urban Planning admissions committee at school of Urban Planning, McGill University (2009 -2010, & 2016).
- 17- Member of the Master's in Urban Planning admissions committee at school of Urban Planning, McGill University (2008, 2011, 2013, 2014 & 2015).
- 18- Member of the PhD in Planning Policy and Design admissions committee at School of Urban Planning, McGill University (2008 - present).
- 19- External Member on Civil Engineering Transportation Engineering Position, Faculty of Engineering, McGill University (2008).
- 20- Member of the McGill Team Preparing a Response for the Montréal Transportation Plan, McGill University. (2007)

Referee Work for Academic Journals

Accident Analysis and Prevention
 American Journal of Preventive Medicine
 Canadian Journal of Civil Engineering
 Canadian Journal of Urban Research
 Canadian Transportation Research Forum
 Cities
 Computers, Environment and Urban Systems
 European Journal of Transport and Infrastructure Research
 Energies
 Housing Policy Debate
 IEEE-ITSC - IEEE Conference on Intelligent Transportation Systems
 IEEE Transactions on Intelligent Transportation Systems
 IEEE Forum on Integrated and Sustainable Transportation Systems
 International Journal of Environmental Research and Public Health
 International Journal of Geographical Information Science
 International Journal of Sustainable Transportation
 International Journal of Urban Sciences

International Planning Studies
Journal of Advanced Transportation
Journal of Environmental Management
Journal of Geo-Information
Journal of Industrial Ecology
Journal of Intelligent Transportation Systems: Technology, Planning, and Operations
Journal of Land use and Transportation
Journal of Planning Education and Research
Journal of Planning Literature
Journal of Public Transportation
Journal of Traffic and Transportation Engineering (English Edition)
Journal of Transportation Engineering
Journal of Transport Geography
Networks and Spatial Economics
Plos One
Public Transport: Planning and Operations
Sustainability
Transport
Transportation
Transport and Health
Transportation Policy
Transportation Research Part A: Policy and Practice
Transportation Research Part B: Methodological
Transportation Research Part C: Emerging Technologies
Transportation Research Part D: Transport and Environment
Transportation Research Part F: Traffic Psychology and Behaviour
Transportation Research Board Annual Meetings & Transportation Research Record
Transportmetrica A: Transport Science
Transportmetrica B: Transport Dynamics
Urban Geography
WCTRS - World Conference on Transport Research Society

Referee Work for Funding Agencies

Chilean National Science and Technology Commission (CONICYT - Chile)
Governor's Council for Medical Research and Treatment of Autism, New Jersey
MITACS
National Science and Engineering Research Council of Canada (NSERC)
Oregon Transportation Research and Education Consortium (OTREC)
Social Sciences and Humanities Research Council (SSHRC)
Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE)
University of California Transportation Center

Outreach and Professional Service

- 1- Board Member, Autorité régionale de transport métropolitain (ARTM), Montréal, Canada (2017-2020).
- 2- Member of the comité chargé de la qualité des services aux usagers de transport collectif, ARTM, Montréal, Canada (2017- 2020).
- 3- Editor, The Journal of Transport and Land Use (JTLU) (2012 – present).

- 4- Associate Editor, Public transport: Planning and operations (2015 – present)
- 5- Member of scientific advisory board Transportation (2015 – present)
- 6- Member of scientific advisory board The Journal of Transport Geography (2018 – present)
- 7- Chair, World Society on Transport and Land Use Research (WSTLUR) (2018-2021).
- 8- Member of Transportation Research Board (TRB) Committee on Public Transportation Marketing and Fare Policy, AP030 (2012 – 2015), (2015 – 2018), & (2018 – 2021).
- 9- Elected vice-chair World Society on Transport and Land Use Research (WSTLUR) (2015-2017).
- 10- Elected Board Member of the World Society on Transport and Land Use Research (WSTLUR) (2012 – 2015) & (2015 – 2021).
- 11- Member of Transportation Research Board (TRB) Committee on Public Transportation Planning and Development, AP025 (2011 – 2014), (2014 – 2017) & (2017 – 2020).
- 12- Member of scientific committee of the Smart, Sustainable and healthy Cities, the first international conference of the CIB Middle East and North Africa Research Network (CIB-MENA 2014).
- 13- Chair, World Symposium on Transport and Land Use Research 2014, Delft the Netherlands (2012 – 2014).
- 14- Member of the organizing and scientific committee of the World Symposium on Transport and Land Use Research (WSTLUR), July 28-30, 2011, Whistler, BC, Canada (2010 – 2011).
- 15- TRAM Montreal bicycle theft survey (2012).
Organizing a bicycle theft survey, around 1500 participants to develop recommendations on how to decrease instances of theft in Montreal region. This survey is conducted in collaboration with City of Montréal, Service de police de la Ville de Montréal (SPVM), and Vélo Québec.
- 16- TRAM Montreal cycling and transit integration survey (2010).
Organizing a cycling-public transit integration survey in Montreal, around 1500 participants to understand the opportunities for such integration and present the findings to public transit agencies in the region.
- 17- TRAM Montreal cycling survey (2009).
Organizing the biggest cycling survey in Montreal, around 3000 participants to understand the current needs and travel behavior of cyclists in the Montreal region.
- 18- Student Representative, PhD admission Committee at the School of Urban Studies and Planning, Portland State University (2004).
- 19- Student Volunteer, 11th Annual Conference GIS in Action Portland, Oregon, USA (2003).
- 20- Student Representative, Faculty and Evaluation Committee at the School of Urban Studies and Planning, Portland State University (2002 – 2003).

- 21- Member, Publication Board of the Architectural Engineering Magazine (2001).
Published by the Department of Architectural Engineering, Faculty of Engineering, Alexandria University, Egypt.
- 22- Project Coordinator, Second Engineering Job Fair (2001).
In collaboration with Prof. Dr Hassan Ali Warda Vice Dean of the faculty of Engineering, Alexandria University, Egypt.
- 23- Project Coordinator, First Engineering Job Fair (2000).
In collaboration with Prof. Dr Hassan Ali Warda Vice Dean of the faculty of Engineering, Alexandria University, Egypt.

References

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