

## CSCURRICULUM VITAE

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### Current Positions

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**Professor**, School of Urban Planning **McGill University, Canada**, *January 2018 – 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*  
**Co-Editor in Chief**, Transport Reviews, *January 2021 - present*  
**Editor**, Transportation, *June 2019 - 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

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**Ph.D., Urban Studies** *September 2001 – June 2005*  
Nohad A. Toulon 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

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

### Teaching Interests

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

### Employment History

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#### *Academic Jobs*

**Associate Professor**, School of Urban Planning  
**McGill University**, Canada

*June 2012 – December 2017*

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

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***Professional Jobs***

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

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***Student Training***

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

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**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

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*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

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\* Denotes Graduate or Undergraduate Student

### Articles in Refereed Journals

1. \*Birkenfeld, C., \*Victoriano-Habit, R., \*Alousi-Jones, M., \*Soliz, A., & El-Geneidy, A. (accepted). Who is living a local lifestyle? Towards a better understanding of the 15-Minute-City and 30-Minute-City concepts from a behavioural perspective in Montréal, Canada. *Urban Mobility*.
2. \*Fournier, J., \*Van Liefferinge, M. \*Ravensbergen, L., DeWeese, J., & El-Geneidy A. (accepted). Evaluating the need for secured bicycle parking across cyclist typologies. *International Journal of Sustainable Transportation*.
3. \*Hickson, S., Badami, M., Manaugh, K., DeWeese, J., & El-Geneidy, A. (accepted). Who is buying SUVs and light trucks in Montreal? A factor and cluster analysis. *Transportation Research Record*.
4. \*Kapatsila, B., Santana Palacios, M., Grisé, E., & El-Geneidy, A. (accepted). Resolving the accessibility dilemma: Comparing cumulative and gravity-based measures of accessibility in eight Canadian cities. *Transport Geography*.
5. \*Ravensbergen, L., & El-Geneidy, A. (accepted). Toward evidence based urban planning: Integrating quality assessments in literature reviews. *Journal of The American Planning Association*.
6. \*Victoriano-Habit, R. & El-Geneidy, A. (accepted). Studying the interrelationship between telecommuting during COVID-19, residential local accessibility, and active travel: A panel study in Montréal, Canada. *Transportation*.
7. \*Villafuerte, J., \*Victoriano-Habit, R., Soliz, A., El-Geneidy, A. (accepted). Who does light rail serve? Light-rail transit and gendered mobilities in Montreal. *Transportation Research Record*.
8. \*Ravensbergen, L., \*Fournier, J., & El-Geneidy A. (2023). An exploratory analysis of mobility of care in Montréal, Canada. *Transportation Research Record*, 2677(1) 1499-1509.
9. \*Ravensbergen, L., Wasfi, R., \*Van Liefferinge, M., \*Ehrlich, I. Prince, S., Butler, G., Kestens, Y., & El-Geneidy, A. (2023). Associations between light rail transit and physical activity: A systematic review. *Transport Reviews*.
10. \*Badran, A., El-Geneidy, A., & Miranda-Moreno, L. (2022). Inferring road intersection control type from GPS data. *Transport Findings*.
11. \*Beaudet, M., \*Ravensbergen, L., DeWeese, J., Beaubien-Soulligny, W., Nadeau-Fredette, A., Caron, M., Suri, R. & El-Geneidy, A. (2022). Accessing hemodialysis during the COVID-19 pandemic. *Transportation Research Interdisciplinary Perspectives*, 13, 100533.

12. \*Cui, B., Boisjoly, G., Serra, B., & El-Geneidy, A. (2022). Modal equity of accessibility to healthcare in Recife, Brazil. *Journal of Transport and Land Use*, 15(1), 1-15.
13. Cui, B., DeWeese, J., Wu, H. King, D., Levinson, D., & El-Geneidy A. (2022). All ridership is local: Accessibility, competition, and stop-level determinants of daily bus boardings in Portland, Oregon. *Transport Geography*, 99, 103294.
14. \*Daley, J., \*Rodrigue, L., \*Ravensbergen, L., DeWeese, J., Butler, G., Kestens, Y., & El-Geneidy A. (2022). Foot-based microscale audit of light rail network (REM) in Montreal Canada. *Transport and Health*, 24, 1-14.
15. DeWeese, J., \*Ravensbergen, L., & El-Geneidy A. (2022). Travel behaviour and greenhouse gas emissions during the COVID-19 pandemic: A case study in a university setting. *Transportation Research Interdisciplinary Perspectives*, 13, 100531.
16. DeWeese, J., Santana Palacios, M., \*Belikow, A., & El-Geneidy A. (2022). Express access: Assessing the equity implications of bus express routes in Montreal, Canada. *Journal of Transport and Land Use*, 15(1), 35-51.
17. \*Hickson, S. & El-Geneidy, A. (2022). Analyzing Public Transport Mode Share by Generational Cohort in Montreal Canada (1998-2018). *Transport Findings*, 1-5.
18. \*Ravensbergen, L., \*Van Liefferinge, M., Zhang, M. Jimenez, I. & El-Geneidy, A. (2022). Accessibility by public transport for older adults: A systematic review. *Transport Geography*, 103, 103408.
19. \*Rodrigue, L., \*Daley, J., \*Ravensbergen, L., Manaugh, K., Wasfi, R., Butler, G., & El-Geneidy A. (2022). Factors influencing subjective walkability: Results from built environment audit data. *Journal of Transport and Land-Use*, 15(1)709–727.
20. \*Santana Palacios, M. & El-Geneidy, A. (2022). Cumulative versus gravity-based accessibility measures: Which one to use? *Transport Findings*.
21. \*Belikow, A. DeWeese, J., Ravensbergen, L., Kestens, Y., & El-Geneidy, A. (2021). Are we happy in densely populated environments? Assessing the impacts of density on subjective well-being, quality of life, and perceived health in Montreal, Canada. *Urban Findings*, 1-4.
22. Buliung, R., Bilas, P., Ross, T., Marmureanu C., & El-Geneidy A. (2021). More than just a bus trip: School busing, disability and access to education in Toronto, Canada. *Transportation Research Part A*, 148, 496-505.
23. \*Dent, N., \*Hawa, L., DeWeese, J., Wasfi, R., Kestens, Y., El-Geneidy, A. (2021). Who will use the train? A market segmentation study of potential light rail users in Montreal QC, Canada. *Transportation Research Record*.
24. Diab, E., DeWeese, J., \*Chaloux, N., & El-Geneidy, A. (2021). Adjusting the service? Understanding the factors affecting bus ridership over time at the route level in Montréal, Canada. *Transportation*, 48(5) 2765-2786.
25. \*Doran, A., El-Geneidy, A. & Manaugh, K. (2021). The pursuit of cycling equity. *Journal of Transport Geography*, 90, 1-9.

26. \*Grisé, E., Stewart, A., El-Geneidy, A. (2021). Planning a high-frequency transfer-based bus network: How do we get there? *Journal of Transport and Land Use*, 14(1), 863-884.
27. \*Hawa, L., Cui, B., Sun, L., & El-Geneidy, A. (2021). Scoot over: Determinants of shared electric scooter use in Washington D.C.. *Case Studies in Transport Policy* 9(2), 418-430.
28. Wu, H., Avner, P., Boisjoly, G., Braga, C., El-Geneidy, A., Huang, J., Kerzhner, T., Murphy, B., Niedzielski, M., Pereira, R., Pritchard, J., Stewart, A., Wang, J., & Levinson, D. (2021). Urban access across the globe: An international comparison of different transport Modes. *NPJ Urban Sustainability*.
29. \*Boisjoly, G., \*Deboosere, R., Wasfi, R., Orpana, H., Manaugh, K., Buliung, R. & El-Geneidy, A. (2020). Measuring accessibility to hospitals by public transport: An assessment of eight Canadian metropolitan regions. *Transport and Health*, 18, 1-14.
30. \*Boisjoly, G., Lachapelle, U., & El-Geneidy, A. (2020). Are we connected? Assessing bicycle network performance through directness and connectivity measures, a Montreal, Canada case study. *International Journal of Sustainable Transportation*, 14(8) 620-634.
31. \*Boisjoly, G., Serra, B., Oliveira, G., & El-Geneidy, A. (2020). Inequity in transit: Evaluating public transport distribution through accessibility measurements in São Paulo, Rio de Janeiro, Curitiba and Recife, Brazil. *Journal of Transport Geography*, 82, 1-11.
32. \*Cui, B., Boisjoly, G., Miranda-Moreno, L., & El-Geneidy, A. (2020). Accessibility matters: Exploring the determinants of public transport mode share across income groups in Canadian cities. *Transportation Research Part D: Transport and Environment*, 80, 1-16.
33. \*Cui, B., Boisjoly, G., Wasfi, R., Orpana, H., Manaugh, K., Buliung, R., Kestens, Y., & El-Geneidy A. (2020). Spatial access by public transport and likelihood of healthcare consultations at hospitals. *Transportation Research Record*, (2674) 188-198.
34. DeWeese, J., \*Hawa, L., \*Demyk, H., \*Davey, Z., \*Belikow, A., El-Geneidy A. (2020). A tale of 40 cities: A preliminary analysis of equity impacts of COVID-19 service adjustments across North America. *Transport Findings*.
35. \*DeWeese, J., & El-Geneidy, A. (2020). Commuters' assessment of public transport as a "reasonable" option. *Transportation Research Record*, (2674) 351-362.
36. \*DeWeese, J., & El-Geneidy, A. (2020). How travel purpose interacts with predictors of individual driving behavior in greater Montreal. *Transportation Research Record*, (2674),938-951.
37. Gerber, P., El-Geneidy, A., Manaugh, K., Lord, S. (2020). From Workplace Attachment to Commuter Satisfaction before and after a Workplace Relocation. *Transportation Research Part F: Traffic Psychology and Behaviour*, 71, 168-181.
38. \*Grisé, E., & El-Geneidy, A. (2020). Assessing operation and customer perception characteristics of high frequency local and limited-stop bus service in Vancouver, Canada. *Public Transport: Planning and Operations*, 12(3), 519 - 534.

39. Ross, T., \*Bilas, P., Buliung, & El-Geneidy, A. (2020). A scoping review of accessible student transport services for children with disabilities. *Transport Policy*, 95, 57-67.
40. \*Steinmetz-Wooda, M., El-Geneidy, A., Ross, N. (2020). Moving to policy-amenable options for built environment research: The role of micro-scale neighborhood environment in promoting walking. *Health and Place*, 66, 1-8.
41. \*Deboosere, R., \*Kerrigan, R., Wachsmuth, D. & El-Geneidy, A. (2019). Location, location, and professionalization: A multilevel hedonic analysis of Airbnb listing prices and revenue. *Regional Studies, Regional Science*, 6 (1), 143–156.
42. \*Chaloux, N., & El-Geneidy, A. (2019). Rules of the road: Compliance and defiance among the different types of cyclists. *Transportation Research Record*, 2673(9), 34–43.
43. \*Chaloux, N., \*Boisjoly, G., \*Grisé, E., El-Geneidy, A., & Levinson, D. (2019). I only get some satisfaction: Introducing satisfaction into measures of accessibility. *Transportation Research Part F: Traffic Psychology and Behaviour*, 62, 833-843.
44. \*Cui, B., \*Boisjoly, G., El-Geneidy, A., & Levinson, D. (2019). Accessibility, equity, and the journey to work. *Journal of Transport Geography*, 74, 269-277.
45. \*Cui, B., & El-Geneidy, A. (2019). Accessibility, equity, and mode share: A comparative analysis across 11 Canadian metropolitan areas. *Transport Findings*.
46. \*Cui, B., Grisé, E., Stewart, A., & El-Geneidy, A. (2019). Measuring the added effectiveness of using detailed spatial and temporal data in generating accessibility measures. *Transport Findings*.
47. \*Grisé, E., & El-Geneidy, A. (2019). Transferring matters: An analysis of the influence of transfers on trip satisfaction. *Transportation Research Record*, 2673(9), 254–265.
48. \*Grisé, E., \*Boisjoly, G., \*Maguire, M., & El-Geneidy, A. (2019). Elevating access: Comparing accessibility to jobs by public transport for individuals with and without a physical disability. *Transportation Research Part A: Policy and Practice*, 125, 280-293.
49. \*Grisé, E., \*Cui, B., \*Turim, A., Manaugh, K., & El-Geneidy, A. (2019). The impacts of varying survey design on reported trip satisfaction. *Transportation Research Part F: Traffic Psychology and Behaviour*, 60, 761-769.
50. \*Grisé, E., Wasfi, R., Ross, N., & El-Geneidy, A. (2019). Evaluating methods for measuring daily walking to public transport: Balancing accuracy and data availability. *Transport and Health*, 15.
51. \*Onderwater, M., \*Boisjoly, G., & El-Geneidy, A. (2019). The influence of travel behaviour, personal preferences and lifestyle on perceived convenience to amenities among Calgary residents. *Transportation Research Record*, 2673(8) 508–522.
52. \*Viellette, M., \*Grisé, E., & El-Geneidy, A. (2019). Does one bicycle facility type fit all? Evaluating the stated usage of different types of bicycle facilities among cyclists in Quebec City, Canada. *Transportation Research Record*, 2673(6) 650-663.

53. \*Boisjoly, G., \*Grisé, E., \*Maguire, M., \*Veillette, M., \*Deboosere, R., \*Berrebi, E., & El-Geneidy, A. (2018). 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*, 116, 434-445.
54. \*Boisjoly, G., Wasfi, R., & El-Geneidy, A. (2018). How much is enough? Assessing the influence of neighborhood walkability on undertaking 10-minutes walks. *Journal of Transport and Land Use*, 11(1), 143–151.
55. \*Deboosere, R., & El-Geneidy, A. (2018). Evaluating equity and accessibility to jobs by public transport across Canada. *Journal of Transport Geography*, 73, 54-63.
56. \*Deboosere, R., Levinson, D., & El-Geneidy, A. (2018). Accessibility-oriented development. *Journal of Transport Geography*, 70, 11-20.
57. \*Grisé, E., & El-Geneidy, A. (2018). Where is the happy transit rider? Evaluating satisfaction with regional rail service using a spatial segmentation approach. *Transportation Research Part A: Policy and Practice*, 114, 84-96.
58. \*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*, 11(10), 217–235.
59. \*van Lierop, D., & El-Geneidy, A. (2018). Is having a positive image of public transit associated with travel satisfaction and continued transit usage? An exploratory study of bus transit. *Public Transport: Planning and Operations*, 10(2), 241-256.
60. \*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.
61. \*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*, 672(36) 73–82.
62. \*Veillette, M., \*Deboosere, D., 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*, 672(8) 840 –848.
63. \*Boisjoly, G., & El-Geneidy, A. (2017). The insider: A planners' perspective on accessibility. *Transport Geography*, 64, 33-43.
64. \*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.
65. \*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.
66. Diab, E., \*van Lierop, D., & El-Geneidy (2017). Recommending Transit: Disentangling users' willingness to recommend transit and their intended continued use. *Travel Behaviour and Society*, 6, 1-9.

67. 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.
68. \*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.
69. \*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.
70. \*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.
71. \*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.
72. \*van Lierop, D., & El-Geneidy, A. (2017). A new segmentation approach: Evidence from two Canadian cities. *Journal of Public Transportation*, 20 (1), 20-43.
73. \*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.
74. \*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.
75. \*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.
76. \*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.
77. 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.
78. \*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.
79. \*Verbich, D., & El-Geneidy, A. (2017). Public transit fare structure and social vulnerability in Montreal, Canada. *Transportation Research Part A: Policy and Practice*, 96, 43-53.



80. \*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.
81. \*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.
82. 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.
83. 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.
84. 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.
85. \*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.
86. \*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.
87. \*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.
88. \*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.
89. \*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.
90. \*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.
91. \*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.
92. \*Stewart, C., \*Diab, E., Bertini, R., & El-Geneidy, A. (2016). Perspectives on transit: Potential benefits of visualizing transit data. *Transportation Research Record*, (2544), 90-101.

93. \*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.
94. \*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.
95. \*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.
96. \*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.
97. \*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.
98. 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.
99. \*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.
100. \*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.
101. \*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.
102. \*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.
103. 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.
104. 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.
105. \*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.
106. \*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.

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143. \*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.
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152. \*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.
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154. Levinson, D., & El-Geneidy, A. (2009). The minimum circuitry frontier and the journey to work. *Regional Science and Urban Economics*, 39(6), 732-738.
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157. 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.
158. Krizek, K., & El-Geneidy, A. (2007). Segmenting preferences and habits of transit users and non-users. *Journal of Public Transportation*, 10(3), 71-94.
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161. 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.

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### ***Refereed Book Chapters***

1. \*Ravensbergen, L., Buliung, R. & El-Geneidy, A. (2022). Cycling safety as mobility justice. In G. Norcliffe (Ed.), *The Cycling Companion*. Routledge.
2. DeWeese, J., Manaugh, K., & El-Geneidy (2021). Access during COVID. In Levinson D. & Ermagun A. *Applications of Access* (pp. 89-106). Sydney, Australia: Network Design Lab, University of Sydney.
3. Boisjoly, G., & El-Geneidy, A. & Serra, B. (2021). Avoiding public transport? Assessing the relationship between accessibility, income and commuting mode in Recife, Brazil. M. Mladenović, T. Toivonen, E. Willberg & K. Geurs (Eds). *Transport in Human Scale Cities: NECTAR Series on Transportation and Communications Networks Research*, (pp. 40-52). Edward Elgar.
4. Diab, E & El-Geneidy, E. (2021). Bus public transport planning and operations. In: Vickerman, Roger (eds.). *International Encyclopedia of Transportation*, vol. 5 (pp. 326-332). UK: Elsevier Ltd.
5. Haider, M. & El-Geneidy A. (2021). Public transport and the built environment. In C. Mulley, J. Nelson, & S. Ison (Eds.), *The Routledge Handbook of Public Transport* (pp. 322-341). Routledge New York, USA.
6. \*Harreman-Fernandes, M., Diab, E., \*Cui, B., \*DeWeese, J., Crumley, M., El-Geneidy, A. (2021). Transit customer satisfaction research - Is the customer always right? In G. Currie (Ed.), *Handbook of Public Transport Research*, (pp. 57-69). Edward Elgar Publishing.
7. Boisjoly, G. & El-Geneidy A. (2020). Public transport equity outcomes through the lens of urban form. In C. Mulley & J. Nelson. *Urban Form and Accessibility*, (pp. 223 – 241). Elsevier, Amsterdam, Netherlands.
8. \*Grisé, E., & El-Geneidy, A. (2020). Integrated transport and land-use planning: Connecting individuals to opportunities. In M. Moos, T. Vinodrai, & R. Walker (Eds.), *Canadian Cities in Transition* (pp. 175-193). Oxford University Press.
9. \*Deboosere, R., \*Boisjoly, G., & El-Geneidy, A. (2019). Understanding the relationship between changes in accessibility to jobs, income and unemployment in Toronto, Canada. In R. Hickman, B. Mella Lira, M. Givoni, & K. Geurs (Ed) *A Companion to Transport, Space and Equity*. (pp. 9 - 24) Edward Elgar.
10. \*Fordham, L., \*van Lierop, D., & El-Geneidy, A. (2018). Can't get no satisfaction: Examining the influence of commuting on overall life satisfaction. In M. Friman, D., Ettema, & L. Olsson (Ed), *Quality of Life and Daily Travel* (pp. 157-181). Springer Cham.

11. \*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* (pp. 110-131). Routledge, New York, USA.
12. \*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* (pp. 144-159). Routledge, New York, USA.
13. 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.
14. El-Geneidy, A., Patterson, Z., & \*St-Louis E. (2015). Getting closer to opportunities: Transport and land-use interaction in cities. In R. Walker, P. Fillion, M. Moos, & T. Vinodrai (Eds.), *Canadian Cities in Transition* (pp. 175-193). Oxford University Press.
15. 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.
16. \*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.
17. 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.

### ***Refereed Conference Papers***

Please note that in most cases peer reviewed conference papers are published 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. \*Alousi-Jones, M., \*Kapatsila, B., Grisé, E., & El-Geneidy, A. (2023). *What's a city got to do? Setting minimum transit-based jobs accessibility to enhance travel time equity and public transport mode share in Canadian Cities*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
2. \*Badran, A., El-Geneidy, A., & Miranda-Moreno, L. (2023). *Extraction of road network features from GPS data for transport network modelling*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
3. \*Birkenfeld, C., DeWeese, J., & El-Geneidy, A. (2023). *Who is paying time in the penalty box? An assessment of transit penalty and its effect on transit ridership for different income groups in Montréal, Canada*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.



4. \*Birkenfeld, C., \*Victoriano-Habit, R., \*Alousi-Jones, M., \*Soliz, A., & El-Geneidy, A. (2023). *Who is living a local lifestyle? Towards a better understanding of the 15-Minute-City and 30-Minute-City concepts from a behavioural perspective in Montréal, Canada*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
5. \*Commers, G., \*Victoriano-Habit, R., \*Rodrigue, L., Kestens, Y., El-Geneidy A. (2023). *Impacts of commute mode on body mass index: A longitudinal analysis before and during the COVID-19 pandemic*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
6. \*Hickson, S., Badami, M., Manaugh, K., DeWeese, J., & El-Geneidy, A. (2023). *Who is buying SUVs and light trucks in Montreal? A factor and cluster analysis*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
7. \*Kapatsila, B., Grisé, E., Crumley, M., & El-Geneidy, A. (2023). *Going electric: Comparing operational performance of electric, hybrid, and diesel buses in Portland, OR, USA*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
8. \*Kapatsila, B., \*Santana Palacios, M., Grisé, E., & El-Geneidy, A. (2023). *Resolving the accessibility dilemma: Comparing cumulative and gravity-based measures of accessibility in eight Canadian cities*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
9. \*Rodrigue, L., El-Geneidy, A., & Manaugh, K. (2023). *Analyzing the mediating effect of individuals' identities on the interaction between walkability indices and walking behaviors*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
10. \*Rodrigue, L., \*Soliz, A., Manaugh, K., El-Geneidy, A. (2023). *Situating divergent perceptions of a rapid-cycling network in Montréal, Canada*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
11. \*Rodrigue, L., \*Soliz, A., Manaugh, K., Kestens, Y., El-Geneidy, A. (2023). *Variation in Public Perceptions Across Sustainable Transport Projects in Montréal, Canada*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
12. \*Soliz, A., \*Rodrigue, L., \*Bernard, I., \*Duffy, J. & El-Geneidy, A. (2023). *Getting into the zone: What can municipal bylaws tell us about transit-oriented development in Montreal, Quebec?* Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
13. \*Victoriano-Habit, R. & El-Geneidy, A. (2023). *Studying the interrelationship between telecommuting during COVID-19, residential local accessibility, and active travel: A panel study in Montréal, Canada*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.
14. \*Villafuerte, J., \*Victoriano-Habit, R., \*Soliz, A., El-Geneidy, A. (2023). *Who does light rail serve? Light-rail transit and gendered mobilities in Montreal*. Paper presented at the 102<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC, USA.

15. \*Beaudet, M., \*Ravensbergen, L., DeWeese, J., Beaubien-Souligny, W., Nadeau-Fredette, A., Caron, M., Suri, R. & El-Geneidy, A. (2022). *Assessing hemodialysis during the COVID-19 pandemic*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
16. Cui, B., DeWeese, J., King, D., Levinson, D. & El-Geneidy, A. (2022). *All ridership is local: Accessibility, competition, and stop-level determinants of daily bus boardings in Portland, Oregon*. Paper to be presented at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
17. \*Fournier, J., \*Van Liefferinge, M. \*Ravensbergen, L., DeWeese, J., & El-Geneidy A. (2022). *Evaluating the need for secured bicycle parking across cyclist typologies*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
18. \*Mohammed, A., \*Noureldin, M., El-Geneidy, A., Diab, E. (2022). *Transport systems' transitional periods and long-term disruptions: A systematic review of the grey literature*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
19. \*Ravensbergen, L., \*Fournier, J., & El-Geneidy A. (2022). *Mobility of Care: An Exploratory Analysis in Montréal, Canada*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
20. \*Ravensbergen, L., Wasfi, R., \*Van Liefferinge, M., \*Ehrlich, I. Prince, S., Butler, G., Kestens, Y., & El-Geneidy, A. (2022). *Associations between light rail transit and physical activity: A systematic review*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
21. \*Rodrigue, L., \*Daley, J., \*Ravensbergen, L., Manaugh, K., Wasfi, R., Butler, G., & El-Geneidy A. (2022). *Factors influencing subjective walkability: Results from built environment audit data*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
22. \*Villafuerte, J., DeWeese, J., Wasfi, R., Kestens, Y., & El-Geneidy A. (2022). *Intention to Use Light-Rail Transit and First-Mile Mode Choice*. Paper accepted for presentation at the Transportation Research Board 101st Annual Meeting, Washington DC, USA.
23. \*Belikow, A., DeWeese, J., & El-Geneidy A. (2021). *Express access: Assessing the equity implications of bus express routes in Montreal, Canada*. Paper presented at the Transportation Research Board 100<sup>th</sup> Annual Meeting, Washington DC, USA.
24. \*Dent, N., \*Hawa, L., DeWeese, J., Wasfi, R., Kestens, Y., & El-Geneidy, A. (2021). *Who will use the train? A market segmentation study of potential light rail users in Montreal QC, Canada*. Paper presented at the Transportation Research Board 100<sup>th</sup> Annual Meeting, Washington DC, USA.
25. \*Hawa, L., DeWeese, J., Diab, E., Crumley, M., & El-Geneidy A. (2021). *Does the squeaky wheel get the complaint? Linking bus performance, sociodemographic characteristics, and customer comments*. Paper presented at the Transportation Research Board 100<sup>th</sup> Annual Meeting, Washington DC, USA.

26. \*Chaloux, N., Diab, E., & El-Geneidy, A. (2020). *Out of Service: Identifying Route-level Determinants of Bus Ridership over Time in Montréal, Quebec, Canada*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
27. \*Cui, B., Boisjoly, G., Wasfi, R., Orpana, H., Manaugh, K., Buliung, R., Kestens, Y., & El-Geneidy A. (2020). *Spatial access by public transport and likelihood of healthcare consultations at hospitals*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
28. \*Cui, B., Boisjoly, G., Miranda-Moreno, L., & El-Geneidy, A. (2020). *Accessibility matters: Exploring the determinants of public transport mode share across income groups in Canadian cities*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
29. \*DeWeese, J., & El-Geneidy, A. (2020). *Mind for mass transit: Commuters' assessment of public transport as a "reasonable" option*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
30. \*DeWeese, J., & El-Geneidy, A. (2020) *Motive matters: How travel purpose interacts with predictors of individual driving behavior in greater Montreal*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
31. \*Doran, A., El-Geneidy, A. & Manaugh, K. (2020). *The Pursuit of Cycling Equity*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
32. \*Grisé, E., Stewart, A., & El-Geneidy, A. (2020). *Planning a High-frequency Transfer-based Bus Network: How Do We Get There?* Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting.
33. \*Harreman-Fernandes, M., Diab, E., \*Cui, B., \*DeWeese, J., Crumley, M., & El-Geneidy, A. (2020). *Is the customer always right? Analyzing bus rider complaints and linking them to real-world operations data in Portland, OR*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
34. \*Hawa, L., Cui, B., Sun, L., & El-Geneidy, A. (2020). *Scoot over: Determinants of shared electric scooter use in Washington D.C*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting, Washington DC, USA.
35. Wu, H., El-Geneidy, A., Stewart, A., Murphy, B., Boisjoly, G., Niedzielski, M., Pereira, R., & Levinson, D. (2020). *Access across the globe: Towards an international comparison of cumulative opportunities*. Paper presented at the Transportation Research Board 99<sup>th</sup> Annual Meeting.

#### **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. \*Rodrigue, L., \*Negm, H., \*Alousi-Jones, M., \*Victoriano-Habit, R., Zhang, M., Jimenez, I., & El-Geneidy, A. (2023). *Planning for accessibility by transit for older adults*. Accepted for presentation at the 16th World Conference for Transport Research.
2. \*Soliz, A., \*Carvalho dos Reis Silveira, T., Sarmiento-Casas, C., Sánchez-Rodríguez, J., & El-Geneidy, A. (2023). *Scaling up active transportation across North America: A comparison of national policies through a social-equity framework*. Accepted for presentation at the 16th World Conference for Transport Research.
3. DeWeese, J., Manaugh, K., El-Geneidy, A. (2021). *Access during crisis: Applying accessibility metrics to public transport systems during the COVID-19 pandemic from an equity perspective*. World Symposium on Transport and Land Use (WSTLUR), Portland OR, USA.
4. \*Cui, B., Boisjoly, G., Serra, B., & El-Geneidy, A. (2021). *Modal equity of accessibility to healthcare in Recife, Brazil*. World Symposium on Transport and Land Use (WSTLUR), Portland OR, USA.
5. \*Boisjoly, G., \*Deboosere, R., Wasfi, R., Orpana, H., Manaugh, K., Buliung, R. & El-Geneidy, A. (2019). *Accessibility to healthcare via public transport across Canada*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
6. \*Boisjoly, G., Serra, B., Oliveira, G., & El-Geneidy, A. (2019) *Inequity in transit: Evaluating public transport distribution through accessibility measurements in São Paulo, Rio de Janeiro, Curitiba and Recife, Brazil*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
7. \*Chaloux, N., & El-Geneidy, A. (2019). *Rules of the road: Compliance and defiance among the different types of cyclists*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
8. \*Chaloux, N., \*Boisjoly, G., \*Grisé, E., El-Geneidy, A., & Levinson, D. (2019). *I only get some satisfaction: Introducing satisfaction into measures of accessibility*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
9. \*Grisé, E., & El-Geneidy, A. (2019). *Transferring matters: An analysis of the influence of transfers on trip satisfaction*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
10. \*Grisé, E., \*Cui, B., \*Turim, A., Manaugh, K., & El-Geneidy, A. (2019). *The impacts of varying survey design on reported trip satisfaction*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
11. \*Grisé, E., Wasfi, R., Ross, N., & El-Geneidy, A. (2019). *Evaluating methods for measuring daily walking to public transport: Balancing accuracy and data availability*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
12. \*Onderwater, M., \*Boisjoly, G., & El-Geneidy, A. (2019). *The influence of travel behaviour, personal preferences and lifestyle on perceived convenience to amenities among Calgary residents*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

13. \*Viellette, M., \*Grisé, E., & El-Geneidy, A. (2019). *Does one bicycle facility type fit all? Evaluating the stated usage of different types of bicycle facilities among cyclists in Quebec City, Canada*. Paper presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., USA.
14. \*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.
15. \*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.
16. \*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.
17. \*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.
18. \*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.
19. \*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.
20. \*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.
21. \*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.
22. \*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.
23. \*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.

24. \*Boisjoly, G., & El-Geneidy A. (2017). *The insider: A planners' perspective on accessibility*. Paper presented at the 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
25. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
26. 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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
27. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
28. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
29. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
30. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
31. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
32. \*van Lierop, D., & El-Geneidy, A. (2017). *Perceived reality: Understanding the relationship between customer perceptions and operational characteristics*. Paper presented at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
33. \*van Lierop, D., & El-Geneidy, A. (2017). *Public image: Determining the effects of users' image of public transit on loyalty*. Paper presented at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
34. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
35. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.

36. \*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 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
37. \*Wexler, M., & El-Geneidy, A. (2017). *Keep 'em separated: A desire lines analysis of bidirectional cycle tracks in Montreal, Canada*. Paper presented at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
38. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
39. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
40. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
41. 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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
42. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
43. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
44. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
45. \*van Lierop, D., Bebronne, M., & El-Geneidy, A. (2016). *Evaluating a bicycle education program for children: Findings from Montreal, Canada*. Paper presented at the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.
46. \*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 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington D.C., USA.

47. \*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.
48. \*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.
49. \*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.
50. \*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.
51. \*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.
52. \*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.
53. \*Damant-Sirois, G., & El-Geneidy, A. (2015). *Who cycles more? Determining cycling frequency through a segmentation approach in Montreal, Canada*. Paper presented at the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
54. \*Diab, E., & El-Geneidy, A. (2015). *The far side story: Measuring the benefits of bus stop location on transit performance*. Paper presented at the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
55. \*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 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
56. \*Legrain, A., Buliung, R., & El-Geneidy, A. (2015). *Who, what, when, and where: Revisiting the influences of transit mode share*. Paper presented at the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
57. \*van Lierop, D., & El-Geneidy, A. (2015). *Getting committed: A perspective on public transit market segmentation*. Paper presented at the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
58. 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 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.



59. \*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 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
60. \*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.
61. 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.
62. 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.
63. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
64. \*Blais, D., & El-Geneidy, A. (2014). *Better Living Through Mobility: The relationship between access to transportation, well-being and disability*. Paper presented at the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
65. \*Damant-Sirois, G., \*Grimsrud, M., & El-Geneidy, A. (2014). *What's your type: A multidimensional cyclist typology*. Paper presented at the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
66. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
67. \*Diab, E., & El-Geneidy, A. (2014). *Transitory optimism: Changes in passenger perception following bus service improvement over time*. Paper presented at the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
68. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
69. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
70. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.

71. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
72. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
73. \*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 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
74. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
75. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
76. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
77. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
78. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
79. \*van Lierop, D., \*Grimsrud, M., & El-Geneidy, A. (2013). *Breaking into bicycle theft: Insights from Montreal, Canada*. Paper presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
80. \*Willis, D., \*Manaugh, K., & El-Geneidy, A. (2013). *Uniquely satisfied: Exploring cyclists trip satisfaction*. Paper presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
81. \*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 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
82. \*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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.

83. \*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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
84. 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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
85. \*Jacques, C., \*Manaugh, K., & El-Geneidy, A. (2012). *Rescuing the captive [mode] user: An alternative approach to transport market segmentation*. Paper presented at the 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
86. \*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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
87. \*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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
88. \*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 91<sup>st</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
89. \*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.
90. \*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.
91. \*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.
92. 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.
93. 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.
94. \*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.

95. \*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.
96. \*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.
97. \*Cerdá, A., & El-Geneidy, A. (2010). *Understanding the relationships between regional accessibility, home values and travel behavior*. Paper presented at the 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
98. El-Geneidy, A., & \*Surprenant-Legault, J. (2010). *Limited bus stop service: An evaluation of an implementation strategy*. Paper presented at the 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
99. 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 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
100. \*Hagg, M., & El-Geneidy, A. (2010). *Making the Montréal indoor city accessible to people with disabilities*. Paper presented at the 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
101. \*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 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
102. \*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 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
103. 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 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
104. \*Surprenant-Legault, J., & El-Geneidy, A. (2010). *The Spatial Patterns Affecting Home to Work Distances of Two-Worker Households* Paper presented at the 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
105. \*Yasmin, F., \*Larsen, J., & El-Geneidy, A. (2010). *Examining travel distances by walking and cycling, Montréal, Canada*. Paper presented at the 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., USA.
106. \*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.

107. 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.
108. \*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.
109. \*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.
110. 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.
111. \*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.
112. 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.
113. \*Wilson, R., Krizek, K., & El-Geneidy, A. (2007). *The consistency of neighborhood preferences among movers*. Paper presented at the 11<sup>th</sup> World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
114. Levinson, D., & El-Geneidy, A., (2007). *How efficient are transportation networks in connecting origins and destinations?* Paper presented at the 11<sup>th</sup> World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
115. Wasfi, R., Levinson, D., & El-Geneidy, A. (2007). *Measuring the transportation needs of seniors*. Paper presented at the 11<sup>th</sup> World Conference on Transport Research Society (WCTRS), Berkeley, California, USA.
116. 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.
117. 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.
118. \*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.
119. \*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.

120. 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.
121. 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.
122. 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.
123. Bertini, R., & El-Geneidy, A. (2004). *Empirical techniques for improving the performance of ramp control systems using archived ITS data*. Paper presented at the 11<sup>th</sup> World Congress on Intelligent Transport Systems, Nagoya, Japan.
124. Bertini, R., & El-Geneidy, A. (2003). *Using Archived Data to Generate Transit Performance Measures*. Paper presented at the 82<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., USA.
125. 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 8<sup>th</sup> International Conference on Computers in Urban Planning and Urban Management (CUPUM), Sendai, Japan.
126. 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 7<sup>th</sup> 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 14<sup>th</sup> Annual Meeting and Exhibition, San Antonio, Texas, USA.

#### ***Research Projects Reports***

1. Alousi-Jones, M., Soliz, A., Victoriano-Habit, R., Rodrigue, L., Bernard, I., Commers, G., Hickson, S., Duffy, J., Dehem-Lemelin, B., & El-Geneidy, A. (2022). *Réseau express métropolitain (REM) Survey: Wave 2 (Report No. 2)*. Transportation Research at McGill (TRAM), McGill University.
2. \*Fournier, J., \*Van Liefferinge, M., \*Murray, C., \*Daley, J., \*Rodrigue, L., \*Ravensbergen, L., DeWeese, J., & El-Geneidy, A (2021). *Évaluation du besoin en stat ionnements sécurisés pour vélo s dans Montréal*. Agence de Mobilite Durable, Montréal, Québec, Canada.
3. DeWeese, J. , Manaugh, K., & El-Geneidy, A. (2021). *McGill annual commute-related greenhouse gas emissions summary*. McGill Sustainability Office. Montréal, Québec, Canada.

4. Diab, E., \*Noureldin, M., \*Mohammed, A., Gris , E., & El-Geneidy, A. (2021). *The impacts of transit system long term disruptions and transitional periods on ridership and transit users' perceptions and travel needs, and the effectiveness of mitigation strategies*. KNowldge Synthesis Report, Social Sciences and Humanities Research Council and Infrastructure Canada, Ottawa, Canada.
5. \*Murray. C., \*Daley, J., \*Villafuerte, J., \*Fournier, F., DeWeese, J., \*Ravensbergen, L. & El-Geneidy, A. (2021). *Impacts du R seau Express M ropolitain sur les r sidents de Longueuil. R seau de transport de Longueuil*. Longueuil, Qu bec, Canada.
6. \*Belikow, A., \*Davey, Z., \*Demyk, H., \*Hawa, L., DeWeese, J., Poirier, Z., Thierry, B., Kestens, Y. & El-Geneidy, A. (2020). *R seau express m ropolitain (REM) Survey Report Wave 1*, Montr al, Qu bec, Canada.
7. \*Cui, B., \*DeWeese, J. & El-Geneidy, A. (2020). *Predicting TTC Wheel-Trans Late Cancellations : Report to GIRO Inc. .* Montr al, Qu bec, Canada : GIRO.
8. \*Cui, B., \*Khan, M., \*Turim, A., \*Gris , E. \*Boisjoly, G., Manaugh, K., & El-Geneidy, A. (2018). *McGill transport survey 2018*. Montr al, Qu bec, Canada: McGill Campus Planning and Development Office.
9. \*Veillette, M., \*Deboosere, R., \*Boisjoly, G., \*Gris , E. & El-Geneidy, A. (2017). *2013 Detailed OD survey validation report*. Montr al, Qu bec, Canada: Agence m ropolitaine de transport.
10. \*Berrebi, E., \*Maguire, M., \*Veillette, M., \*Deboosere, R., \*Gris , E., \*Boisjoly, G., Manaugh, K., & El-Geneidy, A. (2017). *McGill Transportation Survey 2015/2016 Report*. Montr al, Qu bec, Canada: McGill Sustainability office, McGill University.
11. \*Gris , E., \*Viellete, M., \*Ratti, N., \*Boisjoly, G., & El-Geneidy (2017). * valuation de la demande et recommandations pour de nouvelles infrastructures cyclables   Qu bec*. Qu bec, Qu bec, Canada: Ville de Qu bec.
12. \*Boisjoly, G., & El-Geneidy, A. (2016). *Measuring performance: Accessibility metrics in metropolitan regions around the World*. Washington DC, USA: Brookings Institution.
13. \*Verbich, D., \*Gris , E., \*Boisjoly, E., \*van Lierop D., & El-Geneidy, A. (2016). *Consultation sur les d placements   v lo   Qu bec 2015 — Recommandations*. Qu bec, Qu bec, Canada: Ville de Qu bec.
14. \*Boisjoly, G., \*Loong, C., \*Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilit    Montr al: Rapport sur l' tat de situation des options de mobilit  durable*. Montr al, Quebec, Canada: Ville de Montr al.
15. \*Boisjoly, G., \*Loong, C., \*Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilit    Montr al: Rapport sur l'accessibilit  des lieux en transport en commun et en v lo*. Montr al, Quebec, Canada: Ville de Montr al.
16. \*Boisjoly, G., \*Loong, C., \*Verbich, D., & El-Geneidy, A. (2015). *Portrait de l'accessibilit    Montr al: Rapport du diagnostic*. Montr al, Quebec, Canada: Ville de Montr al.

17. \*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.
18. 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.
19. 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.
20. \*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).
21. \*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.
22. \*Stewart, C., & El-Geneidy, A. (2013). *All door bus boardings: Route selections*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
23. \*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.
24. \*Horton, E., \*Stewart, C., & El-Geneidy, A. (2013). *The benefits of all door bus boardings*. Montréal, Québec, Canada: Société de Transport de Montréal (STM).
25. \*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.
26. \*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.
27. \*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.
28. \*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.
29. 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.



30. 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.
31. \*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.
32. \*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).
33. 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).
34. \*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.
35. \*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.
36. 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.
37. \*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.
38. 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).
39. 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.
40. El-Geneidy, A., Fischler R., Luka, N., \*Abdelhamid, H., \*Cerdá, A., \*Manaugh, 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.

41. \*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).
42. \*Kastelberger, L., & El-Geneidy, A. (2008). *Benefits of next arrival systems: A literature review*. Montréal, Québec, Canada: Transportation Research at McGill (TRAM), McGill University.
43. 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.
44. 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.
45. \*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.
46. 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.
47. \*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.
48. 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.
49. 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.
50. 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.
51. El-Geneidy, A., & Levinson, D. (2006). *Access to destinations: Development of accessibility measures*. Minneapolis, Minnesota, USA: Center for Transportation Research, University of Minnesota.
52. 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.
53. 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.

54. 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.
55. 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.
56. 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.
57. 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.

#### ***Invited Blog Posts and Editorials***

1. El-Geneidy, A. & Levinson D. (2022). Making accessibility work in practice. *Transport Reviews*, 42(2).
2. De Vos, J. & El-Geneidy, A. (2022). What is a good transport review paper? *Transport Reviews* 42(1) 1-4.
3. De Vos, J. & El-Geneidy, A. (2021). Stepping into the shoes of a giant: A vision statement from the new Editors-in-Chief of Transport Reviews. *Transport Reviews*, 41(1) 1-4.
4. Harreman-Fernandes M. & El-Geneidy, A. (2019). Making accessibility accessible for planners. *Plan Canada*.
5. El-Geneidy, A., Mazzulla, G., Alonso, B. (2018). Special issue on new trends in analysing and modelling public transport quality of service. *Transportation Research Part A: Policy and Practice*, 114, 1-2.
6. Boisjoly, G., \*Grisé, E., & El-Geneidy, A. (2018). *Service matters: Examining ridership trends in 25 North American cities over time*. Transit Center.
7. \*Grisé, E., \*Boisjoly, G., \*Maguire, M., & El-Geneidy, A. (2017). *Confronting Canada's wheelchair accessibility gap*. Move Forward.
8. El-Geneidy, A., & van Lierop, D. (2017). *Transit trends 2017*. Trapeze Group.
9. 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.

## Conference papers

1. \*Alousi-Jones, M., \*Kapatsila, B., Grisé, E., & El-Geneidy, A. (2022). *What's a city got to do? Setting minimum transit-based jobs accessibility to enhance travel time equity and public transport mode share in Canadian Cities*. Paper presented at the NECTAR Cluster 6 workshop, Seville, Spain.
2. \*Birkenfeld, C., \*Victoriano-Habit, R., \*Alousi-Jones, M., \*Soliz, A., & El-Geneidy, A. (2022). *Who is living a local lifestyle? Towards a better understanding of the 15-Minute-City and 30-Minute-City concepts from a behavioural perspective in Montréal, Canada*. Paper presented at the NECTAR Cluster 6 workshop, Seville, Spain.
3. \*Ravensbergen, L., \*Van Liefferinge, M., Zhang, M., Jimenez, I., & El-Geneidy, A. (2022). *Older adult's public transport accessibility: A systematic review*. Paper presented at the NECTAR conference, Toronto, Canada.
4. \*Hawa, L., DeWeese, J., Diab, E., Crumley, M., & El-Geneidy, A. (2020). *Who is complaining the most? Combining bus operational data with customer complaints in Portland, OR*. Paper presented at Transit Data 2020, Toronto, Canada.
5. \*DeWeese, J., & El-Geneidy, A. (2019). *Accessibility matters: How travel purpose interacts with accessibility to better predict individual driving behavior in greater Montreal region*. Paper presented at the NECTAR Cluster 6 workshop, Munich, Germany.
6. \*Chaloux, N., El-Geneidy, A., & Diab, E. (2019). *Out Of Service: Identifying route-level determinants of bus ridership over time in Montreal, Quebec, Canada*. Paper to be presented at the 59<sup>th</sup> ACSP Annual Conference, Greenville, SC, USA.
7. \*Grisé, E., Stewart, A., & El-Geneidy, A. (2019). *Planning a high-frequency transfer-based bus network: How do we get there*. Paper presented at the 15<sup>th</sup> biannual NECTAR conference, Helsinki, Finland.
8. Boisjoly, G., Serra, B., & El-Geneidy, A. (2019). *Assessing the impacts of accessibility by public transport and income on mode choice in Recife, Brazil*. Paper presented at the 15<sup>th</sup> biannual NECTAR conference, Helsinki, Finland.
9. \*Cui, B., & El-Geneidy, A. (2018). *Accessibility, equity, & mode share: A comparative analysis of 11 Canadian metropolitan areas*. Paper presented at NECTAR Cluster 6 Workshop: Celebrating the tenth anniversary of Nectar cluster 6, Las Palmas, Spain.
10. \*Grisé, E., & El-Geneidy, A. (2018). *Are all transfers equally burdensome? An analysis of satisfaction with transfers among public transit users in Montreal, Canada*. Paper presented at the 58<sup>th</sup> ACSP Annual Conference, Buffalo, New York, USA.
11. \*Boisjoly, G., Serra, B., Oliveira, G., & El-Geneidy, A. (2018). *Inequity in transit: Evaluating public transport distribution through accessibility measurements in São Paulo, Rio de Janeiro, Curitiba and Recife, Brazil*. Nectar Cluster 6 Workshop: Accessibility in urban modelling: From measurement to policy instruction, Lyon, France.
12. \*Onderwater, M., \*Boisjoly G. & El-Geneidy, A. (2018). *What's convenient in travel? A traveler typology linking travel behaviour and perceived convenience among a sample of Calgary residents*. 55th IMCL Conference on Healthy, 10-Minute Neighborhoods, Ottawa, Canada.

13. 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.
14. 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.
15. 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.
16. \*Deboosere, R., Levinson, D., El-Geneidy, A. (2017). *Beyond TOD: Accessibility Oriented Development (AOD)*. Paper presented at the 64<sup>th</sup> Annual North American Meetings of the Regional Science Association International, Vancouver, British Columbia, Canada.
17. \*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 64<sup>th</sup> Annual North American Meetings of the Regional Science Association International, Vancouver, British Columbia, Canada.
18. \*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 11<sup>th</sup> International Conference on Transport Survey Methods, Estérel, Québec, Canada.
19. 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 12<sup>th</sup> Metropolis World Congress, Montreal, Québec, Canada.
20. 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 85<sup>th</sup> Conference of the Association francophone pour le savoir (ACFAS), Montreal, Québec, Canada.
21. 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.
22. 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.
23. \*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.
24. \*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 56<sup>th</sup> ACSP Annual Conference, Oregon, USA.
25. \*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.

26. \*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.
27. 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.
28. \*Legrain, A., Eluru, N., & El-Geneidy, A. (2015). *Am stressed, must travel: The relationship between mode choice and commuting stress*. Paper presented 14<sup>th</sup> Meeting of the International Association of Travel Behavior Research (IATBR), London, UK.
29. \*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 55<sup>th</sup> ACSP Annual Conference, Texas, USA.
30. \*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.
31. \*Stewart, C., \*Diab, E., Bertini, R., & El-Geneidy, A. (2015). *Perspectives on transit: Potential benefits of visualizing transit data*. Paper presented at the 14<sup>th</sup> International Conference on Computers in Urban Planning and Urban Management. (CUPUM), Boston Massachusetts, USA.
32. 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.
33. \*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 54<sup>th</sup> ACSP Annual Conference, Center City, Philadelphia, PA.
34. \*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.
35. \*Foth, N., \*Manaugh, K., & El-Geneidy, A. (2012). *Social equity implications of increased transit accessibility: a case study in Toronto*. Paper presented at the 53<sup>rd</sup> ACSP Conference, Cincinnati, OH.
36. \*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 13<sup>th</sup> Meeting of the International Association of Travel Behavior Research (IATBR), Toronto, Canada.
37. \*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.

38. \*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 52<sup>nd</sup> ACSP Conference, Salt Lake City, UT.
39. \*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.
40. \*Manaugh, K., & El-Geneidy, A. (2010). *Who benefits from new transportation infrastructure? Using accessibility measures to evaluate social equity*. Paper presented at the 57<sup>th</sup> Annual North American Meeting of the Regional Science Association International, Denver, Colorado.
41. \*Manaugh, K., & El-Geneidy, A. (2010). *Testing walkability indexes: How well do walkability indexes predict pedestrian behaviour?* Paper presented at the 51<sup>st</sup> ACSP Conference, Twin Cities, Minnesota.
42. \*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.
43. El-Geneidy, A., & \*Cerdá, A. (2009). *Relating household accessibility measures to global ones*. Paper presented at the 50th ACSP Conference, Crystal City, Virginia.
44. \*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 1<sup>st</sup> Transatlantic NECTAR Conference, Arlington, Virginia, USA.
45. Levinson, D., & El-Geneidy, A. (2009). *Place rank: A flow based accessibility measure*. Paper presented at the 1<sup>st</sup> Transatlantic NECTAR Conference, Arlington, Virginia, USA.
46. 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.
47. \*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.
48. \*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 4<sup>th</sup> Annual Conference, Chicago, IL, USA.
49. \*Tétreault, P., & El-Geneidy, A. (2008). *A detailed analysis of Montréal's commuters behavior*. Paper presented at the ACSP-AESOP 4<sup>th</sup> Annual Conference, Chicago, IL, USA.
50. 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.

51. \*Horning, J., El-Geneidy, A., & Krizek, K. (2007). *Perceptions of Proximity to Urban Trails and Measurement Issues*. Paper presented at the 37<sup>th</sup> Urban Affairs Annual Meeting, Seattle, Washington, USA.
52. 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 11<sup>th</sup> Meeting of the International Association of Travel Behavior Research (IATBR), Kyoto, Japan.
53. 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 52<sup>nd</sup> Annual Conference, Las Vegas, Nevada, USA.
54. 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 15<sup>th</sup> Annual Conference, Portland, Oregon, USA.

### Articles currently under review

\* Denotes Graduate or Undergraduate Student

1. \*Commers, G., \*Victoriano-Habit, R., \*Rodrigue, L., Kestens, Y., El-Geneidy A. (resubmitted). Impacts of commute mode on body mass index: A longitudinal analysis before and during the COVID-19 pandemic. *Transport and Health*.
2. \*Hawa, L., DeWeese, J., Diab, E., Crumley, M., & El-Geneidy A. (resubmitted). Does the squeaky wheel get the complaint? Linking bus performance, sociodemographic characteristics, and customer comments. *Travel Behaviour and Society*.
3. \*Kapatsila, B., Gris , E., Crumley, M., & El-Geneidy, A. (resubmitted). Going electric: Comparing operational performance of electric, hybrid, and diesel buses in Portland, OR, USA. *Transportation Research Part A: Policy and Practice*.
4. \*Rodrigue, L., El-Geneidy, A., & Manaugh, K. (submitted). Analyzing interactions of individuals' socio-demographics with walkability when modelling walking behavior. *Transport Geography*.
5. \*Rodrigue, L., \*Negm, H., \*Alousi-Jones, M., \*Victoriano-Habit, R., Zhang, M., Jimenez, I., & El-Geneidy, A. (submitted). Planning for accessibility by public transport: A methodology to prioritize accessibility-based interventions for older adults in Canada. *Applied Geography*.
6. \*Rodrigue, L., \*Soliz, A., Manaugh, K., El-Geneidy, A. (resubmitted). Situating divergent perceptions of a rapid-cycling network in Montr al, Canada. *Active Travel Studies*.
7. \*Rodrigue, L., \*Soliz, A., Manaugh, K., Kestens, Y., El-Geneidy, A. (submitted). Variation in public perceptions across sustainable transport projects in Montr al, Canada. *Transport Policy*.
8. \*Soliz, A., \*Rodrigue, L., \*Bernard, I., & El-Geneidy, A. (resubmitted). Zoning in on transit-oriented development: Understanding municipal bylaws as critical policy groundwork. *Journal of the American Planning Association*.



9. \*Soliz, A., \*Carvalho dos Reis Silveira, T., Sarmiento-Casas, C., Sánchez-Rodríguez, J., & El-Geneidy, A. (submitted). Scaling up active transportation across North America: A comparison of national policies from Canada, the United States, and Mexico. *Transportation Research Part A*.
10. \*Villafuerte, J., DeWeese, J., Wasfi, R., Kestens, Y., & El-Geneidy A. (resubmitted). Intention to use light-rail transit and first-mile mode choice. *Urban Mobility*.

## Professional Presentations

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1. \*Rodrigue, L. & El-Geneidy, A. (May 2022). *Walkability around light rail transit stations: How to measure and assess?* McGill Community Lifelong Learning (MCLL), McGill University, Montréal, Québec, Canada.
2. \*Rodrigue, L. & El-Geneidy, A. (May 2022). *Audit de l'environnement bâti autour du REM – Résultats de la Phase 1 (Été 2021)*. Autorité régionale de transport métropolitain (ARTM), Montréal, Québec, Canada.
3. \*Fournier, J., \*Ravensbergen, L., & El-Geneidy A. (July 2021). *Planning for secured bicycle Parking in Montreal*. Agence de mobilité durable, Montreal, QC, Canada.
4. \*Grisé, E., & El-Geneidy, A. (April 2019). *Fostering happiness among public transit users: Analyzing customer satisfaction surveys through non-traditional approaches*. Autorité régionale de transport métropolitain (ARTM), Montréal, Québec, Canada.
5. \*Grisé, E., & El-Geneidy, A. (January 2019). *A multi-criteria approach for redesigning bus networks: A case study from Longueuil, Canada*. Transportation Research Board Young Member Council's Public Transportation Subcommittee Meeting: Washington, D.C. USA.
6. \*Cui, B., \*Khan, M., \*Turim, A., \*Grisé, E. \*Boisjoly, G., Manaugh, K., & El-Geneidy, A. (July 2018). *McGill transport survey 2018*. McGill Campus Planning and Development Office, Montréal, Québec, Canada.
7. \*Boisjoly, G., \*Grisé, E., & El-Geneidy A. (July 2018). *Determinants of ridership in North American public transit networks*. Issues & Opportunities - Uber/Micro Transit and Public Transit, Montréal, Québec, Canada.
8. \*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.
9. \*Grisé, E., \*Boisjoly, G. & El-Geneidy A. (February 2018). *L'utilisation des données ouvertes des agences de transport en commun pour la mise en lumière des enjeux d'accessibilité à l'emploi pour les personnes à mobilité réduite*. Table ronde du CRIEM : De l'utilisation des mégadonnées et des données ouvertes en contexte de gouvernance métropolitaine. Quelles pratiques mettre en œuvre? Montréal, Québec, Canada.
10. 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.

11. \*Boisjoly, G., & El-Geneidy, A. (May 2016). *Consulation auprès des cyclistes de la ville de Québec: Recommandations*. Ville de Quebec, Quebec, QC, Canada.
12. \*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.
13. \*Boisjoly, G., & El-Geneidy, A. (April 2016). *Consulation auprès des cyclistes de la ville de Québec*. Ville de Quebec, Quebec, QC, Canada.
14. El-Geneidy, A. (March 2016). *Travel fair: Assessing equity through accessibility*. University of California Berkeley, CA, USA.
15. 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.
16. \*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.
17. El-Geneidy, A. (April 2015). *Transit to the future: Stress and satisfaction in public transport systems*. University College London (UCL), London, UK.
18. 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.
19. 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.
20. 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.
21. \*Legrain, A., \*Langlois, M., Buliung, R., & El-Geneidy, A. (September 2014). *Non-stop equity: Equitable transit accessibility in the GTHA*. Metrolinx, Toronto, Ontario, Canada.
22. \*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.
23. \*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.
24. 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.
25. 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.

26. El-Geneidy, A. (January 2013). *Examples of interdisciplinary research in transport, GIS, environment, and computer science*. Umm Al Qura University, Jeddah, Saudi Arabia.
27. \*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.
28. \*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.
29. 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.
30. \*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.
31. El-Geneidy, A. & Eluru, N. (November 2011). *Prioritizing and balancing environmental and social equity goals In Transportation Planning*. World Bank, Washington DC, USA.
32. El-Geneidy, A. (June, 2011). *Towards a better understanding of the public transit market*. TRB's Transit Research Analysis Committee (TRAC), Washington DC, USA.
33. 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.
34. El-Geneidy, A. (March, 2011). *Accessibility: A measure for land use and transportation performance*. World Bank Transport Forum, Washington DC, USA.
35. \*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.
36. \*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.
37. \*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.
38. 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.
39. El-Geneidy, A., \*Cerdá, A., & \*Surprenant-Legault, J. (December, 2009). *Accessibility: A land use and transportation performance measure*. Communauté métropolitaine de Montréal

40. \*Cerdá, A., & El-Geneidy, A. (November, 2009). *Accessibility: A land use and transportation performance measure*. Direction de santé publique de Montréal.
41. \*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.
42. El-Geneidy, A. (May, 2009). *The use of accessibility measures to evaluate the impacts of transportation plans: An application in Montréal, Québec*. CIRRELT.
43. 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.
44. 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).
45. El-Geneidy, A., & \*Horning, J. (July, 2007). *Analyzing transit service reliability using detailed data from automatic vehicular locator systems*. Metro Transit, Minneapolis Minnesota, USA.
46. Krizek, K., & El-Geneidy, A. (November, 2006) *Refining methods for calculating non-auto travel time*. Access to Destinations Seminar Series, Minneapolis, Minnesota, USA.
47. Levinson, D., & El-Geneidy, A. (May, 2006). *Access to destinations: Development of accessibility measures*, CTS Annual Meeting, Minneapolis, Minnesota, USA.
48. El-Geneidy, A., & Levinson, D. (May, 2006). *Place Rank: A new accessibility measure*. CTS Annual Meeting, Minneapolis, Minnesota, USA.
49. Krizek, K., & El-Geneidy, A. (May 2006) *Refining methods for calculating non-auto travel time*. CTS Annual Meeting, Minneapolis, Minnesota, USA.
50. El-Geneidy, A., & Levinson, D. (February, 2006). *Access to destinations: Development of accessibility measures, Final report*. MNDOT, Minneapolis, Minnesota, USA.
51. El-Geneidy, A., & Levinson, D. (December, 2005). *Access to destinations: Development of accessibility measures, interim report*. MNDOT, Minneapolis, Minnesota, USA.
52. 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.
53. 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.
54. El-Geneidy, A., & Levinson, D. (August, 2005). *Access to destinations: Development of accessibility measures, interim report*. MNDOT, Minneapolis, Minnesota, USA.

55. El-Geneidy, A. (June, 2005). *Assessing the benefits of bus stop consolidation program in Portland Oregon*. TriMet, Portland, Oregon, USA.
56. El-Geneidy, A. (December, 2004). *Integration of intelligent transportation systems data for validation purposes*. ITS Oregon, Portland, Oregon, USA.
57. 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.
58. 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.
59. 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.
60. El-Geneidy, A. (July, 2002). *The effect of noise generated from transportation infrastructure on nearby land value*. ACSP PhD Students workshop, Chicago, Illinois, USA.
61. El-Geneidy, A. (February, 2002). *Ramp meter performance measure: Portland Oregon*. NorthWest Transportation Conference, Corvallis, Oregon, USA.
62. 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, round tables and panels**

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1. COVID 1000 and Beyond: Building Better Cities for a Robust Recovery, Canadian Urban Institute, Toronto, ON, Canada, December 2022.
2. Dialogue de la sous-ministre, Infrastructure Canada - Transport collectif dans la région métropolitaine de Montréal / Infrastructure Canada Deputy Minister Dialogue – Transit in Metro Montreal region, Infrastructure Canada, Ottawa, ON Canada, May 2022.
3. The future of sustainable transport. Toronto Board of Trade, Toronto, ON, Canada, February 2022.
4. Data driven approach to assess equitable active transportation. American Statistical Association, Transportation Statistics Interest Group, USA, December 2021.
5. Urban Planning and Travel Behavior, the International Transport Forum (ITF) at the Organisation for Economic Co-operation and Development (OECD), Paris France, November 2021.
6. *Why do we not simply use speed to value trips and not dollar figures which are inherently imperfect?* USL, Imperial College, London, UK, October 2021.
7. Planning for active transportation, Canadian Institute of Planners. Toronto, ON, May 2021.

8. Predicting the unpredictable: What might transit after COVID-19 look like, Eno maximum impact webinar series, Washington D.C. October 2020.
9. Burlington integrated mobility plan - virtual project launch, Burlington, ON, October 2020.
10. Set up series conversation: Access to daily needs, Canadian Urbanism, Toronto, ON, October 2020.
11. "New normal" for public transit in Canada, Infrastructure Canada, Ottawa, May 2020.
12. What is the future of urban transportation? Canadian Urban Institute, May 2020.
13. Urban Project, Federation of Canadian Municipalities, Gatineau, QC, Canada, February 2020.
14. Benefiting from public transport investments: What's the best route? Mat'Inno, Quartier de l'innovation, Montreal QC, Canada, January 2020.
15. Accessibility: A key performance measure. City of Vancouver, Vancouver BC, Canada, November 2019.
16. Riyadh's Sustainable City Symposium, Riyadh, Saudi Arabia, November 2019.
17. Mobilizing justice workshop, University of Toronto, Scarborough ON, Canada, November 2019
18. Planning for Accessibility Workshop, City of Vancouver, Vancouver BC, Canada, November 2019.
19. International Transport Forum Roundtable, Accessibility and Transport Appraisal, Organisation for Economic Co-operation and Development (OECD), Paris France, October 2019.
20. Can we cut our energy use in Transport? Lessons from the past. Climate and Transport Policy Workshop, Joint Clean Climate Transport Research Partnership (JCCTRP), Montréal, Québec, Canada, May 2019.
21. Transport to the Future. TEDx-Middlebury, Middlebury College, Vermont, USA, November 2018.
22. Transport to the Future. Dawson College, First Choice Lecture Series, Montreal, Quebec, Canada, October 2018.
23. Accessibility, A key performance measure for public transport planning. Canadian Urban Transit Association (CUTA) Policy Forum, Ottawa, Ontario, Canada, September 2018.
24. Urban Land Institute, Toronto Symposium, panel session Mobility for all: Is it even possible? Toronto, April 2017.
25. Using Archived APC/AVL Data to Target Customer Experience. Ontario Transportation Expo (OTE), Toronto, Ontario, Canada, April 2017.

26. Approaching Planning for Active Transport in Class Room. Online webinar for the Association of Pedestrian and Bicycle Professionals (APBP), Lexington, KY, USA, February 2017.
27. Panel discussion Ericsson Smart City Challenge, Montréal, November, 2016.
28. Accessible Canada, Montréal, November, 2016.
29. Special Transportation Panel with Federal Transport Minister Marc Garneau, Westmount, November, 2016.
30. Ministère des Transports du Québec, Vision 2030: Alternatives au scénario cours normal des choses. Québec, Canada: Ministère des Transports du Québec, 2012.
31. Transport Canada's Innovation in Transportation Workshop, Montréal, 2011.

### **Scholarly Work in Progress**

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1. \*Van Liefferinge, M., \*Ravensbergen, L., & El-Geneidy, A. (In preparation). Who is using E-Bikes in Montreal Canada.
2. \*Rodrigue, L., Alousi-Jones, M., Negm, H., Victoriano-Habit, R. & El-Geneidy, A. (In preparation). Using accessibility measures to plan for seniors.
3. \*Negm, H. & El-Geneidy, A. (In preparation). Combining car and public transport accessibility in a new land use and transport performance measure.
4. Soliz, A., Carvalho, T., & El-Geneidy, A. (in preparation). Measuring the impacts of federal policies on active travel.
5. \*Badran, A., El-Geneidy, A., & Miranda-Moreno, L. (in preparation). Review on GPS data for transport network modelling.
6. \*Badran, A., El-Geneidy, A., & Miranda-Moreno, L. (in preparation). Extraction of road network features from GPS data for transport network modelling.
7. \*Birkenfeld, C., DeWeese, J., & El-Geneidy, A. (in preparation). Who is paying time in the penalty box? An assessment of transit penalty and its effect on transit ridership for different income groups in Montréal, Canada.
8. \*Mohammed, A., Noureldin, M., El-Geneidy, A., Diab, E. (submitted). Transport systems' transitional periods and long-term disruptions: A systematic review of the grey literature.

### **Grants and Sponsored Research Projects**

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Title	Sponsor	Role	Period	Total
Getting Around to Age in Place: Meeting Older Canadians Transport Needs	National Research Council of Canada (NRC)	PI	2021 - 2024	\$300,000
Étude de marché sur le stationnement sécurisé pour vélos	Agence de Mobilité durable Montreal	PI	2021	\$24,100
McGill Travel Survey	McGill Campus Planning and Development Office	PI	2021	\$13,000
Kevin Manaugh (Co-PI)				
The impacts of transit system long term disruptions and transitional periods on ridership and transit users' perceptions and travel needs, and the effectiveness of mitigation strategies. Ehab Diab (PI) & Emily Grise (Co-PI)	Social Sciences and Humanities Research Council (SSHRC)	Co-PI	2021	\$30,000
Impact of COVID-19 on Patients Receiving Hemodialysis: The Quebec Renal Network (QRN) COVID-19 Study	Canadian Institutes of Health Research (CIHR)	CO-PI	2020 - 2021	\$476,333
Beaubien-Souligny, William ; Nadeau-Fredette, Annie-Claire ; Suri, Rita; Agharazii, Mohsen ; Agnihotram, Ramanakumar ; Blum, Daniel ; Bollée, Guillaume ; Cailhier, Jean-Francois ; Côté, Anne-Marie ; Elgeneidy, Ahmed ; Fortin, Marie-Chantal ; Frenette, Charles Henry ; Goupil, Remi ; Lafrance, Jean-Philippe ; Lamarche, Caroline ; Laurin, Louis-Philippe ; Mac-Way, Fabrice ; Madore, François ; Pillozzi-Edmonds, Laura Liane ; Rej, Soham ; Vasilevsky, Murray				
Impacts of the new Réseau Express Métropolitain (REM) on mobility, health and equity: A pre-post intervention study	Canadian Institutes of Health Research (CIHR) Collaborative Health Research Projects (CHRP)	PI	2020-2024	\$1,345,007
Co-Principle Investigator: Yan Kestens, University of Montreal				
Healthy Cities of Tomorrow Research and Training Platform.	Canadian Institutes of Health Research (CIHR) Healthy Cities	PI	2020-2021	\$25,000
Co-Principle Investigators: Nancy Ross, McGill University and Laxmi Sushama McGill University				
Sustainable Healthy Cities: The Interplay between Urban Interventions, Gentrification, and Population Health	Canadian Institutes of Health Research (CIHR)	Co-PI	2019 -2022	\$527,851
Collaborators Yan Kestens (PI), University of Montreal, Robin Brondeel, Ghent University, Margaret de Groh, Public Health Agency of Canada, Daniel Fuller, Memorial University, Rania Wasfi, University of Montreal, and Meghan Winters, Simon Fraser University.				
Estimating demand for paratransit bus services for people with disability	Natural Sciences and Engineering Research Council of Canada (NSERC) Engage Program	PI	2019	\$25,000



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	\$260,000
McGill Travel Survey	McGill Campus Planning and Development Office	PI	2018	\$10,000
Collaborator: Kevin Manaugh, McGill University.				
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
Measuring changes in levels of accessibility in the GTHA and its impacts on mode choice.	Metrolinx	PI	2014 - 2015	\$65,000
Collaborator: Ron Buliung, University of Toronto				
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	Ministère des Transports du Québec (MTQ)	Co-PI	2011 - 2014	\$80,000
Collaborator: Zachary Patterson, Concordia University				

Title	Sponsor	Role	Period	Total
Platform for Transportation Data Archiving, Processing, Analysis and Visualization	Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments	Co-PI	2012	\$115,165
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.				
Crowding and Dwell Time on Transit Vehicles: A Fine-Grained Analysis	MITACS	PI	2012	\$15,000
Collaborator: Grant Fletcher, Graduate Student, McGill University				
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	Metrolinx	Co-PI	2011 - 2012	\$73,700
Collaborators: Khandker Nurul Habib, University of Toronto				
McGill transportation survey	McGill Office of Sustainability	PI	2010 - 2011	\$24,000
Collaborators: Naveen Eluru and Marianne Hatzopoulou				
Élaboration d'une vision québécoise des transports à l'horizon 2030	Ministère des Transports du Québec (MTQ)	Co-PI	2010 - 2011	\$245,000
Collaborators: Bernard Gendron, University of Montréal, Teodor Gabriel Crainic, University of Québec in Montrael (UQAM) and Catherine Morency École Polytechnique de Montréal.				
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 et les technologies (FQRNT) Établissement de nouveaux chercheurs	PI	2010 - 2012	\$56,000
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)	CIMA+	Co-PI	2010	\$7,000
Collaborator Luis Miranda-Moreno, McGill University				
Competing or complementary bus routes?	Natural Sciences and Engineering Research Council of Canada (NSERC) CRD program	PI	2010 - 2011	\$20,827

Title	Sponsor	Role	Period	Total
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	CIMA+	PI	2009	\$5,000
Collaborator Luis Miranda-Moreno, McGill University				
TRAM transportation seminar, speaker sponsorship	GENIVAR	PI	2009 - 2010	\$2,500
Decreasing accident rates on the island of Montréal	CIMA+	Co-PI	2009	\$20,000
Collaborator Luis Miranda-Moreno, McGill University				
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	Social Sciences and Humanities Research Council (SSHRC)	Co-PI	2009 - 2011	\$177,344
Collaborators Vedat Verter, McGill University and Manish Verma, Memorial University				
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 (NSERC) Discovery Grant program	PI	2008 - 2013	\$91,500
McGill Startup Grant	McGill University	PI	2008 - 2011	\$50,000
<b>Total in Canadian Dollars</b>				<b>\$4,698,950</b>
Access to destinations: Application of accessibility measures for non-auto travel modes	Minnesota Department of Transportation	Co-PI	2007 – 2009	\$198,000
Collaborator Kevin Krizek, University of Minnesota				
Evaluation of potential BRT corridors in the Twin Cities Region	Hennepin County	PI	2006 – 2008	\$92,950
With John Hordous, University of Minnesota				
Using archived ITS data to improve transit performance and management	Minnesota Department of Transportation	PI	2006 - 2007	\$38,500
Collaborators Kevin Krizek and David Levinson, University of Minnesota				

Title	Sponsor	Role	Period	Total
Access to destinations: Monitoring land use activity changes in the twin cities metropolitan region	Minnesota Department of Transportation / Hennepin County	Co-PI	2006 - 2007	\$88,000
Collaborator David Levinson, University of Minnesota				
How close is close enough? Estimating accurate distance decay functions for different purposes and multiple modes	Minnesota Department of Transportation	Co-PI	2006 - 2007	\$55,510
Collaborator Kevin Krizek, University of Minnesota				
Parcel level land use data acquisition & analysis for measuring non-auto accessibility	Minnesota Department of Transportation / Hennepin County	Co-PI	2006 - 2007	\$85,000
Collaborator Kevin Krizek, University of Minnesota				
<b>Total in American Dollars</b>				<b>\$557,960</b>

### **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	Transport Canada	PI	2014 - 2015	\$14,500
With Real Time Engineering Consulting				
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	Ville de Montréal	PI	2008	\$25,000
With Raphael Fischler and Nik Luka, McGill University				

### **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 19 students  
(Winter 2019) attendance 12 students  
(Winter 2020) attendance 16 students  
(Winter 2021) attendance 17 students  
(Winter 2022) attendance 19 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  
(Fall 2020) attendance 29 students

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

Advanced GIS Application (URBP 608)

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

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

(Fall 2008) attendance 8 students

Land use and Transport 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 8 students co-taught with Emily Grise  
(Winter 2019) attendance 15 students  
(Winter 2020) attendance 11 students  
(Winter 2021) attendance 13 students  
(Winter 2022) attendance 20 students

Transport Economics (URBP 620)

(Fall 2012) attendance 8 students  
(Fall 2015) attendance 12 students  
(Fall 2016) attendance 11 students  
(Fall 2017) attendance 8 students  
(Fall 2018) attendance 8 students  
(Fall 2019) attendance 9 students  
(Fall 2020) attendance 9 students  
(Fall 2021) attendance 17 students  
(Fall 2022) attendance 9 students

Planning Principles and Practice (URBP 625) co-taught with \*Dea van Lierop and \*Ehab Diab  
(Fall 2015) attendance 9 students

Supervised Research Project (URBP 630)  
(Fall 2022) attendance 18 students

Research Methods (URBP 633)  
(Fall 2016) attendance 22 students co-taught one module with Emily Grise

PhD Research Seminar (URBP 703)  
(Fall 2022) attendance 3 students

***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***

<b>Name</b>	<b>Degree</b>	<b>Start Year</b>	<b>Thesis title or Research topic</b>	<b>Awards/ Fellowship</b>
Aryana Soliz	Post-Doc	2022		FRQSC
Andrew Holliday	PhD	2018	Co-supervised with Greg Dudeck (Computer Science)	
Rodrigo Victoriano	PhD	2021		MEITA
Adham Badran	PhD	2021	Co-supervised with Luis Miranda-Moreno (Civil Engineering)	MEDA
Meredith Alousi-Jones	PhD	2022		
Hisham Negm	PhD	2022		MEDA
Thiago Carvalho	PhD	2022		MEDA
Carolyn Birkenfeld	Master's	2022		Ron Rice
Stephen Hickson	Master's	2022		SSHRC

#### ***Current TRAM Supported Students and Fellows***

<b>Name</b>	<b>Affiliation</b>	<b>Start Year</b>
Aryana Soliz	Postdoctoral Fellow	2022
Rodrigo Victoriano	PhD student	2021
Meredith Alousi-Jones	PhD student	2022
Hisham Negm	PhD student	2022
Thiago Carvalho	PhD student	2022
Lancelot Rodrigue	Master's in Geography	2021



<b>Name</b>	<b>Affiliation</b>	<b>Start Year</b>
Carolyn Birkenfeld	Master's in Urban Planning	2022
Stephen Hickson	Master's in Urban Planning	2022
Isabelle Bernard	B. A. & Sc. Geography	2022

#### ***Supervised Postdoctoral fellows***

<b>Name</b>	<b>Year</b>	<b>Position after leaving</b>
Manuel Santana Palacios	2021 - 2022	
Léa Ravensbergen	2020 -2021	Postdoctoral University of Oxford
Hatem Touman	2008 -2009	Assistant Professor Imam Abdulrahman Bin Faisal University

#### ***Supervised PhD Students at McGill School of Urban Planning***

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>
Emily Grisé	2015 -2019	SSHRC, & MEDA
	Dissertation Title:	Fostering happiness among public transit users: Analyzing customer satisfaction surveys through non-traditional approaches.
	Current Position:	Assistant Professor, School of Urban and Regional Planning University of Alberta.
Geneviève Boisjoly	2015 -2018	FRQNT, SSHRC, & MEDA
	Dissertation Title:	Towards a better implementation of accessibility indicators in land use and transport planning practice
	Current Position:	Assistant Professor, Department of Civil, Geological and Mining Engineering, École Polytechnique de Montréal, Canada.
Dea van Lierop	2012 - 2017	SSHRC & MEDA
	Dissertation Title:	Enjoying the Ride: Experience, Motivation, Satisfaction, and Loyalty in Public Transit
	Current Position:	Assistant Professor, Faculty of GeoSciences, Utrecht University, Netherlands
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
	Current Position:	Assistant Professor, Department of Geography and Planning, University of Saskatchewan, Canada
Kevin Manaugh	2010 - 2013	FQRSC and MEDA
	Dissertation Title:	Incorporating issues of social justice and equity into transportation planning and policy
	Current Position:	Associate Professor, Department of Geography and School of Environment, McGill University, Canada

#### ***Supervised Master's Students at McGill (Thesis)***

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>
Leila Hawa	2019 - 2020	

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>
	Thesis Title:	Scooting around town: Determinants of shared electric scooter use in Washington D.C.
Employer at Graduation:		
Boer Cui	2018 - 2020	
	Thesis Title:	One size does not fit all: Evaluating the impact of accessibility on commute duration and public transport mode share for different income groups in Canadian metropolitan regions Co-supervised with Louis Miranda-Moreno (Civil Engineering)
Employer at Graduation:		Consultant at CPCS

***Supervised and Graduated Master's Students at McGill School of Urban Planning (Non-Thesis)***

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>	<b>Employer at Graduation</b>
Julian Villafuerte Diaz	2022	SSHRC	Private Consultant
	SRP Title:	Who will ride the REM? Investigating the individual characteristics that affect intention to adopt use of a new light-rail system	
Juliette Fournier	2022		ARUP
	SRP Title:	Evaluating the need for secured bicycle parking in Montréal	
Joanna Xiao	2021		
	SRP Title:	Funding resiliency during the pandemic: Transit operational funding and the impacts of COVID-19.	
Anastasia Belikow	2021	CIRRELT	IVÉO
	SRP Title:	The urban quest for happiness: Do transit-friendly neighborhoods make for healthier and happier residents?	
Maddie Harreman-Fernandes	2020	SSHRC	City of Ottawa
	SRP Title:	Cycling safety: A guide for North American cities	
Nicolette Dent	2020	SSHRC	Municipality of Anchorage
	SRP Title:	Transport on trails: A cyclist typology study of Anchorage's greenbelt trails	
Yathartha Singh	2020		City of Toronto
	SRP Title:	Sustainable urban mobility planning for Mississauga	
James DeWeese	2020		McGill University
	SRP Title:	Curbing the car: Structural determinants of driving mode choice in montreal and sociopsychological and cultural barriers to sustainable mode choice	
Alexandra Doran	2019	SSHRC	Steer
	SRP Title:	The pursuit of cycling equity: Linking academic research to planning practice through a comprehensive review	
Nick Chaloux	2019	SSHRC & CIRRELT	Access Planning
	SRP Title:	Out of service: Identifying route-level determinants of bus ridership over time in Montreal, Quebec	
Eli Heyman	2018	SSHRC	Stantec

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>	<b>Employer at Graduation</b>
	SRP Title:	Who will take the toll: An equity evaluation of the proposal by the City of Toronto to toll the Gardiner Expressway and the Don Valley Parkway	
Marie-Pier Viellete	2018	SSHRC & OUQ Merit Award	OC-Transpo
	SRP Title:	To cycle or not to cycle? Planning tools and strategies to increase cycling in Quebec City, Canada	
Robbin Deboosere	2018		Ministry of Transport, Ontario.
	SRP Title:	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 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?	

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>	<b>Employer at Graduation</b>
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		
	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

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>	<b>Employer at Graduation</b>
		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	MetroInx
		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
		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

<b>Name</b>	<b>Year</b>	<b>Awards/ Fellowship</b>	<b>Employer at Graduation</b>
		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***

<b>Name</b>	<b>Year</b>	<b>Department</b>	<b>Employer at Graduation</b>
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***

<b>Name</b>	<b>Degree</b>	<b>Date</b>
Manuel Santana Palacios	Postdoctoral Fellow	2021-2022
Grace Commers	B. A. & Sc. Geography	Summer 2022
Bruno Dehem-Lemelin	BSc Civil Engineering	Summer 2022
Julien Duffy	B. A. & Sc. Geography	2022
Juliette Fournier	Master’s in Urban Planning	2020
Julian Villafuerte Diaz	Master’s in Urban Planning	2020
Assim Mohammed	Master’s in Urban Planning	2021
Léa Ravensbergen	Postdoctoral fellow in Urban Planning	2020 - 2021
Mathilde Van Liefferinge	B. A. & Sc. Geography	Summer 2021
Samuel Mehenni	Master’s in Urban Planning	2020 - 2021
Matthew Beaudet	B. Eng. Electrical Engineering	Summer 2021
Julia Daley	B. A. & Sc. Geography	2021
Isidor Ehrlich	B. Eng. Mining Engineering	Summer 2021

<b>Name</b>	<b>Degree</b>	<b>Date</b>
Cassidy Murray	B. Eng. Civil Engineering	Summer 2021
Anastasia Belikow	Master's in Urban Planning	2020 -2021
Yousef Yousef	Bsc in Nutrition	2020-2021
Zane Davey	Master's in Urban Planning	Summer 2020
Leila Hawa	Master's in Civil Engineering	2019 – 2020
Hanna Demyk	Master's in Urban Planning	Summer 2020
James DeWeese	Master's in Urban Planning	2019 -2021
Nicolette Dent	Master's in Urban Planning	Summer 2020
Boer Cui	Master's in Civil Engineering	2018 -2019
Trent Bonsal	Master's in Urban Planning	2020
Maddie Harreman-Fernandes	Master's in Urban Planning	Summer 2019
Emily Grisé	PhD - Urban Planning	2015 - 2018
Nick Chaloux	Master's in Urban Planning	2018 - 2019
Geneviève Boisjoly	PhD - Urban Planning	2015 - 2018
Maaz Khan	Master's in Urban Planning	Summer 2018
Anders Turim	Bsc - Geography	Summer 2018
Marie-Pier Viellele	Master's - Urban Planning	2016 -2018
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
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

<b>Name</b>	<b>Degree</b>	<b>Date</b>
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
Lisa Kastelberger	Master's - Urban Planning	Summer 2008

***Students Supervised and Supported at University of Minnesota***

<b>Name</b>	<b>Degree</b>	<b>Date</b>	<b>Awards</b>	<b>Employer at Graduation</b>
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**

Adham Badran (2021). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner, PhD proposal.

Adham Badran (2020). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner, comprehensive exam.



Zhanhong Cheng (2020). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.

Xudong Wang (2020). Department of Civil Engineering & Applied Mechanics, McGill University. Role: External examiner.

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**

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Aashita Batra (2023). Department of Neuroscience, McGill University. Role: Pro-Dean

Marie-Michelle Boulanger (2023). Education Counselling and Psychology, McGill University. Role: Pro-Dean

Tommaso Ferretti (2022). Desautels Faculty of Management, McGill University, Role: Pro-Dean.

Tabish Syed (2022). School of Computer Science, McGill University, Role: Pro-Dean.

Kevin Lancon (2022). Department of Neuroscience, McGill University. Role: Pro-Dean

Lihong Zhang (2022). School of Earth and Environmental Sciences. University of Queensland Australia. Role: External Examiner.

Linda Karjalainen (2022). The Faculty of Biological and Environmental Sciences, University of Helsinki Finland. Role: External Examiner.

Fernanda Duarte Peixoto Soares (2021). Civil Engineering, University of Toronto. Role: External Examiner.

Andre Liberati (2021). Mining and Materials Engineering, McGill University. Role: Pro Dean.

Diane Suk-Ching Liu (2021). Department of Mechanical Engineering, McGill University. Role: Pro Dean

Ali Emami (2021). School of Computer Science, McGill University. Role: Pro Dean.

William Odette (2021). Department of Chemistry, McGill University. Role: Pro-Dean.

Marwan Kannan (2021). Department of Electrical and Computer Engineering, McGill University. Role: Pro-Dean.

Muhammed Imran Khan (2021). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Pro-Dean.

Parham Samea (2021). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Pro-Dean.

Eleanor Stephenson (2021). Department of Geography, McGill University. Role: Pro Dean.

Ge Li (2020). Department of Earth and Planetary Sciences, McGill University. Role: Pro-Dean.

Raheleh Salimzadeh (2020). Department of Educational and Counseling, McGill University. Role: Pro-Dean.

Lisa Stephens (2019). Department of Chemistry, McGill University. Role: Pro-Dean.

Bing Guo(2019). Department of Civil Engineering & Applied Mechanics, McGill University. Role: Pro-Dean.

Dipto Sarkar (2018). Department of Geography, McGill University. Role: External examiner  
Mahdi Roohnikan (2018). Department of Chemical Engineering, McGill University. Role: Pro-Dean.  
Gholamreza Saghaee (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**

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Jennifer Comb (2019). School of Urban Planning, McGill University  
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**

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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**

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#### ***Recognition***

- a. Reviewer Special Recognition, Transportation Research Board Public Transportation Marketing and Fare Policy Committee (2021).
- b. Bousfield Distinguished Visiting Scholar, Department of Geography and Program in Planning, University of Toronto (2014-2015).

- c. Ranked 3<sup>rd</sup> in Canada in the field of “Design, Urban Design, & Urban Planning” by The Globe and Mail’s Report on Business (2012).

### ***Awards***

- a. Best poster award at Session 3050 at Transportation Research Board 102<sup>nd</sup> annual meeting, Explorations in public transportation planning and development. Paper titled Getting into the zone: What can municipal bylaws tell us about transit-oriented development in Montreal, Quebec? (2023).
- b. Highly Cited Researcher 2022, Clarivate, in recognition of exceptional research performance demonstrated by production of multiple highly cited papers that rank in the top 0.01% for field and year in Social Sciences (2022).
- c. Best Practice-Ready Paper from the Transportation Research Board Standing Committee on Women and Gender in Transportation (AME20) (2022).
- d. Best Paper Award 2020 for the journal Regional Studies, Regional Science, Regional Studies Association, with Robbin Deboosere, Danielle Kerrigan and David Wachsmuth (2020).
- e. Best Student-led Paper at the 2<sup>nd</sup> World Symposium on Transport and Land Use Research (WSTLUR), Brisbane, Australia, with Emily Grisé (2017).
- f. Best Student-led Paper at the 1<sup>st</sup> World Symposium on Transport and Land Use Research (WSTLUR), Whistler, BC, Canada, with Kevin Manaugh (2011).
- g. Early Career Research Excellence Award, Faculty of Engineering, McGill University (2011).
- h. Mauri Clark Fellowship, College of Urban and Public Affairs, Portland State University (2004-2005).
- i. 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).
- j. The “Farsy Award” for Architecture 1995, for utilizing computer techniques in architectural design projects Department of Architectural Engineering, Alexandria University.
- k. 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**

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### ***Service to McGill***

- 1- Member of the Geographic Information Centre (GIC) management committee, Department of Geography, McGill University (2014 – present).
- 2- Member of the awards committee, Faculty of Engineering (2019 - present).
- 3- McGill travel behavior survey (2020 - 2021).  
In collaboration with McGill Sustainability office.
- 4- Member of the Faculty of Engineering computing committee, Faculty of Engineering, McGill University (2008 – 2015) & (2017 – present).
- 5- TRAM data archive (2008 – 2021).  
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.
- 6- Member of the Research Ethics Review Board (REB), McGill University (2016 – 2020).
- 7- Member of the University Tenure Committee (UTC), Faculty of Engineering, McGill University (2016 – 2017) & (2017 – 2018).
- 8- Member of the McGill Internal Committee evaluating NSERC grants for Research Tools and Innovation (2019).
- 9- Member of the Canadian Foundation for Innovation (CFI) evaluation committee, Faculty of Engineering, (2019).
- 10- McGill travel behavior survey (2017 – 2018).  
In collaboration McGill Campus and Development Planning office to assess the use of sustainable transport modes by McGill community.
- 11- Member, Centre for Interdisciplinary Research on Montréal (CIRM), McGill University (2015 – 2018).
- 12- Member of Faculty of Engineering, McGill University, Academic Committee (2015- 2016).
- 13- McGill travel behavior survey (2015 – 2016).  
In collaboration McGill sustainability office to assess the use of sustainable transport modes by McGill community.
- 14- Member of the faculty awards committee, Faculty of Engineering, McGill University (2014).
- 15- 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.

- 16- Member of the Faculty of Engineering safety committee, Faculty of Engineering, McGill University (2008 – 2019).
- 17- Member of the staff awards of excellence committee, Faculty of Engineering, McGill University (2013).
- 18- McGill travel behavior survey (2013).  
In collaboration McGill sustainability office to assess the use of sustainable transport modes by McGill community.
- 19- Member of the advisory board of the Institute for Sustainability in Engineering and Design (ISEAD), McGill University, Montréal, QC (2010 - 2012).
- 20- 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.
- 21- Head of Master's in Urban Planning admissions committee at school of Urban Planning, McGill University (2009 -2010, & 2016).
- 22- Member of the Master's in Urban Planning admissions committee at school of Urban Planning, McGill University (2008, 2011, 2013, 2014 & 2015).
- 23- Member of the PhD in Planning Policy and Design admissions committee at School of Urban Planning, McGill University (2008 - present).
- 24- External Member on Civil Engineering Transportation Engineering Position, Faculty of Engineering, McGill University (2008).
- 25- 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 Findings  
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 Foundation, USA (NSF)  
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- Co-Editor in Chief, Transport Reviews (2021 – present)
- 2- Editor, Transportation (2019 – present).
- 3- Associate Editor, Public transport: Planning and operations (2015 – present).

- 4- Member of editorial board, Transport Findings (2018 – present).
- 5- Member of scientific advisory board Transportation Research Part A: Policy and Practice (2019 – present).
- 6- Member of scientific advisory board The Journal of Transport Geography (2018 – present).
- 7- Board Member, Autorité régionale de transport métropolitain (ARTM), Montréal, Canada (2017-2020) & (2020 -2024).
- 8- Member of the comité chargé de la qualité des services aux usagers de transport collectif, ARTM, Montréal, Canada (2017- 2020) & (2020 -2024).
- 9- Member of the comité de vérification et des finances élargi, ARTM, Montréal, Canada (2018-2020) & (2020 -2024).
- 10- Member of the comité de suivi des projets et des technologies élargi, ARTM, Montréal, Canada (2018- 2020) & (2020 -2024).
- 11- Editor, The Journal of Transport and Land Use (JTLU) (2012 – 2021).
- 12- Associate Editor, Public Transportation (2018 – 2020).
- 13- Member of scientific advisory board Transportation (2015 – 2019).
- 14- Chair, World Society on Transport and Land Use Research (WSTLUR) (2018-2021).
- 15- Co-Chair of Network on European Communications and Transport Activities Research (NECTAR) Cluster 6: Accessibility (2018 – present).
- 16- Member of Transportation Research Board (TRB) Committee on Public Transportation Marketing and Fare Policy, AP030 (2012 – 2015), (2015 – 2018), & (2018 – 2021).
- 17- Elected vice-chair World Society on Transport and Land Use Research (WSTLUR) (2015-2017).
- 18- Elected Board Member of the World Society on Transport and Land Use Research (WSTLUR) (2012 – 2015) & (2015 – 2021).
- 19- Member of Transportation Research Board (TRB) Committee on Public Transportation Planning and Development, AP025 (2011 – 2014), (2014 – 2017) & (2017 – 2020).
- 20- 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).
- 21- Chair, World Symposium on Transport and Land Use Research 2014, Delft the Netherlands (2012 – 2014).
- 22- 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).

- 23- 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.
- 24- 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.
- 25- 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.
- 26- Student Representative, PhD admission Committee at the School of Urban Studies and Planning, Portland State University (2004).
- 27- Student Volunteer, 11<sup>th</sup> Annual Conference GIS in Action Portland, Oregon, USA (2003).
- 28- Student Representative, Faculty and Evaluation Committee at the School of Urban Studies and Planning, Portland State University (2002 – 2003).
- 29- Member, Publication Board of the Architectural Engineering Magazine (2001).  
Published by the Department of Architectural Engineering, Faculty of Engineering, Alexandria University, Egypt.
- 30- 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.
- 31- 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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### **Kay Axhausen**

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### **Nancy Ross**

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**Susan Handy**

Professor, Department of Environmental Science and Policy  
University of California Davis  
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**David Levinson**

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**James DeWeese**

Senior Planner, Arup  
Canada  
E-Mail: [Jamie.DeWeese@arup.com](mailto:Jamie.DeWeese@arup.com)