

Kevin Manaugh

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CURRENT POSITION

Assistant Professor
Department of Geography and McGill School of Environment
Montréal, QC

EDUCATION

McGill University
PhD School of Urban Planning
Montréal, QC
2013

Dissertation: Incorporating issues of social justice and equity into transportation planning and policy. Committee: Ahmed El-Geneidy (chair), Raphael Fischler, Madhav Badami, and David Brown.

McGill University
MUP
Montréal, QC
2009

Thesis: Understanding Neighbourhood level determinants on mode choice and distance for home based work trips in the Montréal region. Advisor: Ahmed El-Geneidy

Naropa University
Bachelor of Arts in Music (Jazz Guitar), Minor in Environmental Studies
Boulder, CO
1997

ACADEMIC AWARDS AND DISTINCTIONS

FQRSC "Nouveaux Chercheur" 2014
SSHRC Insight Grant (as collaborator) 2014
Internal McGill SSHRC Award 2014
Social Science and Humanities Research Council of Canada (SSHRC) Postdoctoral Fellowship declined
Best Student-Led Paper at World Symposium on Transport and Land Use Research 2011
Fonds de Recherche sur la Société et la Culture (FORSC) 2010-2013
Doctoral Study Grant from the Québec Foundation for Research on Society and Culture
McGill Engineering Doctoral Award (MEDA) 2010-2013
The Brenda and Samuel Gewurz Fellowships in Urban Planning 2010-2011
Jeanne M. Wolfe Fellowship in Urban Planning 2010-2011
Leon and Suzanne Fattal Graduate Fellowship 2009-2010
Prix du mérite étudiant de l'Ordre des Urbanistes du Québec 2009
Awarded for Outstanding Student Work by the Professional Organization of Québec Urban Planners
McGill President's Graduate Fellowship 2008
McGill Recruitment Excellence Fellowship 2007

RESEARCH AND TEACHING INTERESTS

Spatial analysis and GIS applications; Environmental justice; Sustainable transportation; Social equity in transportation planning; Urban Policy; Travel behaviour; Active transportation; Social exclusion; Survey design and methods; Environmental Impact assessment; and Research methods.

RESEARCH AND PROFESSIONAL POSITIONS

Instructor—McGill School of Urban Planning	2011-2013
Research Coordinator—Transportation Research at McGill	2011-2012
Research Assistant—McGill Department of Civil Engineering	2009-2010
Teaching Assistant—McGill School of Urban Planning	2008-2010

PUBLICATIONS

Peer-reviewed Journal Articles

1. **Manaugh, K.**, El-Geneidy, A. (accepted) *Disentangling self-selection and transit availability in mode choice decision making*. *Journal of Transport and Land Use*
2. Foth, N., **Manaugh, K.**, & El-Geneidy, A. (accepted) *Determinants of Mode Share over Time: How a Changing Transport System Affects Transit Use in Toronto, Canada*. *Transportation Research Record*
3. Willis, D., **Manaugh, K.**, & El-Geneidy, A. (accepted) *Cycling Under Influence: Summarizing the influence of attitudes, habits, social environments and perceptions on cycling for transportation*. *International Journal of Sustainable Transportation*
4. Patterson, Z., Saddier, S., Rezaei, A., **Manaugh, K.** (2014) *Use of the Urban Core Index to Analyze Residential Mobility: The Case of Seniors in Canadian Metropolitan Regions*. *Journal of Transport Geography* 41, 116-125.
5. St-Louis, E., **Manaugh, K.**, van Lierop, D., & El-Geneidy, A. (2014) *The happy commuter: A comparison of commuter satisfaction across modes*. *Transportation Research Part F: Traffic Psychology and Behavior*, 26 part A, 160-170.
6. Sider, T., Hatzoupolou, M., Eluru, N., Goulet-Langlois, G., & **Manaugh, K.**, (accepted) *Smog and Socioeconomics: Evaluation of Equity in Traffic-Related Air Pollution Generation and Exposure*. *Environment and Planning*
7. **Manaugh, K.** & El-Geneidy, A. (2013) *Does distance matter? Exploring the links among values, motivations and satisfaction in walking trips*. *Transportation Research Part A: Policy and Practice* 50, 198-208.
8. **Manaugh, K.**, Kreider, T. (2013) *What is mixed use? Presenting an interaction method for measuring land use mix* *Journal of Transport and Land Use* 6(1) 63-72.
9. Shah, Y., **Manaugh, K.**, Badami, M., & El-Geneidy, A. (2013). *Diagnosing transportation: Developing key performance indicators to assess urban transportation systems*. *Journal of the Transportation Research Board*, 2357 1-12.
10. Willis, D., **Manaugh, K.**, & El-Geneidy, A. (2013) *Uniquely satisfied: Exploring cyclist trip satisfaction*. *Transportation Research Part F: Traffic Psychology and Behaviour* 18 136-147.
11. Foth, N., **Manaugh, K.** & El-Geneidy, A. (2013) *Towards equitable transit: Examining transit accessibility and social need in Toronto, Canada, 1996-2006*. *Journal of Transport Geography* 29 1-10.

12. Mathez, A., **Manaugh, K.**, Chakour, V., El-Geneidy, A., & Hatzpoulou, M. (2013) *How can we alter our carbon footprint? Estimating GHG emissions based on travel survey information*. *Transportation* 40(1) 131-149
13. **Manaugh, K.**, & El-Geneidy, A. (2012) *Understanding the relationship between regional accessibility and travel behaviour: measuring "local" travel*. *Journal of Transport and Land Use* 5(3), 15-27.
14. Jacques, C., **Manaugh, K.** & El-Geneidy, A. (2012) *Rescuing the captive [mode] user? An alternative approach to transport market segmentation*, *Transportation DOI: 10.1007/s11116-012-9437-2*.
15. **Manaugh, K.** & El-Geneidy, A. (2011) *Validating walkability indices: How do different households respond to the walkability of their neighborhood?*. *Transportation Research Part D: Transport and Environment* 16(4), 309-315.
16. Zahabi, S.A.H , Strauss, J., **Manaugh, K.**, & Miranda-Moreno , L. (2011) *Estimating the Potential Effect of Speed Limits, Built Environment and Other Factors on the Pedestrian and Cyclist Injury Severity Levels in Traffic Crashes*. *Transportation Research Record Volume 2247*, 81-90.
17. **Manaugh, K.**, Miranda-Moreno, L., & El-Geneidy, A. (2010). *The effect of neighbourhood characteristics, accessibility, home-work location, and demographics on commuting distances*. *Transportation*, 37(4), 627-646.

Peer Reviewed Book Chapters

1. **Manaugh, K.** (forthcoming) *New directions in walking research: Incorporating elements of social justice and personal values into walking research and policy*. *Walking and the Life of the City*. Edited by Mitchell Moss and Andrew Mondschein. New York: NYU Rudin Center for Transportation Policy and Management.
2. **Manaugh, K.** & El-Geneidy, A. (2012) *Who benefits from new transportation infrastructure? Using accessibility measures to evaluate social equity*. *Accessibility and Transport Planning: Challenges for Europe and North America*, Edited by Karst Geurs, Kevin Krizek and Aura Reggiani. (pp. 211-227). Edward Elgar, London, UK.

Articles Currently Under Review

1. **Manaugh, K.**, Badami, M. & El-Geneidy, A. *Integrating Social Equity into Urban Transportation Planning: A Review of Metropolitan Transportation Plans in North America*.
2. **Manaugh, K.** El-Geneidy, A. *Overcoming barriers to active transportation: A mixed methods approach to understanding reasons for not cycling*

Professional Reports

1. St-Louis, E. & **Manaugh, K.**, McGill cycle plan: An analysis of east-west cyclist flows across McGill's downtown campus. Submitted to the Office of Campus Space and Planning.
2. **Manaugh, K.**, Foth, N. Willis, D. & El-Geneidy, A. (2013) *Greater Toronto destination access: Past and future land use and transport interactions in the GTHA*. Toronto, ON. Metrolinx.
3. 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.
4. 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.

5. Kreider, T., Miranda-Moreno, L., El-Geneidy, A., & **Manaugh, K.**(2009). *Assessing the observed speed change in a speed limit reduction from 50 to 40 km/h: A cross-sectional analysis*. Montréal, Québec, Canada: CIMA+ and City of Montréal.
6. 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 oeuvre du plan de transport de Montréal étude des impacts sur l'aménagement et le développement du territoire)*. Montréal, Québec, Canada: City of Montréal.

PRESENTATIONS

Peer Reviewed Articles in Conference Proceedings

1. Foth, N. **Manaugh, K.**, & El-Geneidy, A. *Determinants of Mode Share over Time: How a Changing Transport System Affects Transit Use in Toronto, Canada*. Accepted for Presentation at the 93rd Annual Transportation Research Board Meeting, January 2014.
2. St-Louis, E., **Manaugh, K.**, van Lierop, D., & El-Geneidy, A. *The happy commuter: A comparison of commuter satisfaction across modes*. Accepted for Presentation at the 93rd Annual Transportation Research Board Meeting, January 2014.
3. Sider, T., Hatzoupolou, M., Eluru, N., Goulet-Langlois, G., & **Manaugh, K.**, *Smog and Socioeconomics: Evaluation of Equity in Traffic-Related Air Pollution Generation and Exposure*. Accepted for Presentation at the 93rd Annual Transportation Research Board Meeting, January 2014.
4. Foth, N. **Manaugh, K.**, & El-Geneidy, A. *Towards equitable transit: Examining transit accessibility and social need in Toronto, Canada 1996-2006*. Presented at the 92nd Annual Transportation Research Board Meeting, January 2013.
5. Shah, Y., **Manaugh, K.**, Badami, M., & El-geneidy, A. *Diagnosing Transportation: Developing Key Performance Indicators to Assess Urban Transportation Systems*. Presented at the 92nd Annual Transportation Research Board Meeting, January 2013.
6. Willis, D., **Manaugh, K.** & El-Geneidy, A. *Cycling Under Influence: Summarizing the influence of attitudes, habits, social environments and perceptions on cycling for transportation*. Presented at the 92nd Annual Transportation Research Board Meeting, January 2013.
7. Willis, D., **Manaugh, K.**, & El-Geneidy, A. *Uniquely Satisfied: Exploring Cyclist Trip Satisfaction*. Presented at the 92nd Annual Transportation Research Board Meeting, January 2013.
8. **Manaugh, K.**, Larsen, J. & El-Geneidy, A. *Does distance matter? Exploring the links among values, motivations and satisfaction in walking trips*. Presented at the 91st Annual Transportation Research Board Meeting, January 2012 .
9. Jacques, C., **Manaugh, K.** & El-Geneidy, A. *Rescuing the captive [mode] user: An alternative approach to transport market segmentation*, Presented at the 91st Annual Transportation Research Board Meeting, January 2012.
10. Mathez, A., **Manaugh, K.**, Chakour, V., El-Geneidy, A. & Hatzopoulou, M. *How can we alter our carbon footprint? Estimating GHG emissions based on travel survey information*. Presented at the 91st Annual Transportation Research Board Meeting, January 2012.

11. **Manaugh, K.**, & El-Geneidy, A. *Understanding the relationship between regional accessibility and travel behaviour: measuring "local" travel*. Presented at WHISTLUR (Whistler Symposium on Transportation and Land Use Research), July 2011 (Winner, Best Student-Led Paper Award).
12. **Manaugh, K.** & El-Geneidy, A. *Examining the response of varying households to the walkability of their neighbourhood for non-work trip purposes*. Presented at the 90th Annual Transportation Research Board Meeting, January 23, 2011.
13. Zahabi, S.A.H , Strauss, J., **Manaugh, K.**, & Miranda-Moreno, L. *Effect of road characteristics, speed limits, built environment and other factors on severity levels of crashes involving pedestrians, cyclists and motor vehicles*. Presented at the 90th Annual Transportation Research Board Meeting, January 23, 2011.
14. **Manaugh, K.**, Miranda-Moreno, L., & El-Geneidy, A. (2010). *Neighborhood travel behavior: A factor and cluster analysis to understand travel behavior in the Montréal metropolitan region*. Presented at the 89th Annual Transportation Research Board Annual Meeting, January 2010.

Conference Papers

Manaugh K. *Justice in Accessibility: Examining a changing transport system in Toronto, Canada*. Association of American Geographers Annual Meeting. Tampa, FL. April 11, 2014

Manaugh, K. *New Research on Pedestrian and Bicycle Behavior: Perceptions, Attitudes, and Habits*. Presented at the Pro Walk/Pro Bike 2012. Long Beach, CA. September 11, 2012.

Willis, D., **Manaugh, K.**, & El-Geneidy, A. *Understanding Cycling Behaviour: An examination of the relationship among cyclists' motivations, satisfaction levels and neighbourhood "bikeability"*. Presented at IATBR (International Association of Travel Behaviour Research) Toronto, ON June 2012.

Invited Speaker

Geospectives September 2013
Smog and Socio-Economics

Soup and Science September 2013
 Environmental and Distributional Justice in the Transport Sector

INRS Midi-Conference LASER November 2013

Walking and the Life of the City Symposium Rudin Centre New York University June 2012
 The socio-economics of walking.

Transportation Research at McGill Seminar (TRAM) January 2012
 Toward a comprehensive understanding of walking behaviour: Incorporating attitudes, values, preferences, socio-economic factors, and home location decisions.

McGill Undergraduate Geography Society (MUGS) November 2010
 GIS applications in transportation planning and operations.

Community-University Research Alliance (CURA) March 2009
 Research highlights and GIS applications for urban planning decision-making to the Making MegaProjects Works for Communities Community-University Research Alliance (CURA).

Transportation Research at McGill Seminar (TRAM) January 2009

Neighbourhood travel behaviour: A factor and cluster analysis to understand travel behaviour in the Montréal metropolitan region.

Professional Presentations

Senate Committee on Physical Development, McGill University
Highlights from the McGill travel survey.

March 2012

Metrolinx

May 2012

Presented results of an analysis of the projected changes in regional accessibility as a result of infrastructure projects recommended in "The Big Move", modelled changes from 2001-2031.

Metrolinx

December 2011

Presented results of an analysis of the changes in regional accessibility in the Toronto area between 1996 and 2006.

City of Montreal and CIMA+

November 2010

Presented findings from a road accident analysis to members of the Planning Department of Montreal and members of an engineering team from CIMA+.

City of Montreal Planning Department

January 2010

Presented new plan for the Griffintown neighbourhood of Montreal, including land use, building and zoning regulations, as well as a social and environmental impact assessment.

TEACHING

GEOG 315 Urban Transport Geography

Winter 2015

ENVR 201 Society, Environment, and Sustainability

Fall 2014

ENVR 400 Environmental Thought

Winter 2014

GEOG 494 Urban Field Studies

Fall 2013

URBP 626 Social Justice in Planning

Winter 2013

Co-teaching

URBP 619 Transportation and Land Use Planning

Winter 2012 and 2013

With Prof. Ahmed El-Geneidy

URBP 608 Advanced GIS Applications in Urban Planning

Fall 2011

With Prof. Ahmed El-Geneidy

Student Supervision

Undergraduate Honour's Thesis

Miriam Drieblatt: Lasting Imprint: An Analysis of Israeli Urban Form

Independent Study

Bronwen Tucker (ENVR 490)

Equity of Access to Bicycle Infrastructure as a Determinant of Mode-Share in Rapidly Growing Cities

Marise Svistovski (ENVR 490)

Air Quality Health Index and Sustainable Transportation

Zoe Martiniak (ENVR 490)

Research Lab Sustainability Metrics

Second Reader for Master's Project

Nicole Foth (2013) McGill School of Urban Planning

Manaugh C.V.

Transit accessibility, social equity & job type: Commuting to work in Toronto, 1996 & 2006

Mitchell Lavoie (2012) McGill School of Urban Planning
Characterizing Land Use and Transportation for Transit-Oriented Development in the Montreal Metropolitan Region.

Yousaf Shah (2012) McGill School of Urban Planning
Generating diagnostic tools for land use and transportation performance.

Guest Lectures

<i>ENVR 490 (MUSE)</i>	Winter 2014
<i>GEOG 503 Advanced Topics in Health Geography</i>	Fall 2013
<i>ENVR 650 Environmental Seminar</i>	Fall 2013
<i>URBP 605 Graduate Seminar</i>	Fall 2103
<i>MUSE (Montreal Urban Sustainability Experience)</i>	Summer 2013
<i>ARCH 550 Urban Planning and Development</i> <i>Introduction to major issues in metropolitan transportation planning</i>	Winter 2013
<i>ARCH 634 New Architectures of Spatial Justice</i> Using GIS to visualize social justice	Fall 2012
<i>CIVE 546 Transportation Systems Evaluation</i> Incorporating aspects of social equity into transportation infrastructure decision-making	Fall 2011
<i>URBP 603 Transportation and Land Use</i> Evaluating transportation plans: balancing economic, social, and environmental aspects of sustainability goals in a transportation planning context	Winter 2011
<i>CIVE 540 Urban Transportation Planning</i> GIS applications in transportation planning and research	Fall 2009
<i>URBP 505 Planning Methods</i> Introduction to Inferential Statistics for Planners	Fall 2012, 2011, 2010 and 2009

PEER REVIEW

European Journal of Transport and Infrastructure Research
International Journal of Sustainable Transportation
Journal of Transport and Health
Journal of Transport and Land Use
Research in Transportation Business & Management
SageOpen
Transportation Research Board Bicycle Transportation Committee
Transportation Research Board Committee on Pedestrians
Transportation Research Board Environmental Justice in Transportation Committee
Transportation Research Part A
Transport Policy
World Conference on Transport Research

OTHER AWARDS

G.R.E.A.T Travel Award to attend International Association of Travel Behaviour Research	2012
Graduate Travel Funding Program	2011
G.R.E.A.T Travel Award to attend Transportation Research Board Annual Meeting	2011
G.R.E.A.T Travel Award to attend CSCE Conference	2010
G.R.E.A.T. Travel Award to attend Transportation Research Board Annual Meeting	2009

MEMBERSHIPS

Transportation Research Board Pedestrian Committee Paper Review Coordinator	2014-2017
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