

# Michael John Widener, PhD, MS

## Current Positions

Chair, Department of Geography & Planning (University of Toronto – St. George)

Professor and Canada Research Chair in Transportation & Health, Department of Geography & Planning and Cross-appointment in Epidemiology (University of Toronto – St. George)

## Education

PhD Department of Geography, State University of New York at Buffalo

MS Department of Geography, Florida State University

BA, Highest Honors Department of Geography, University of Illinois at Urbana-Champaign

## Academic and Administrative Appointments

### University of Toronto - St. George

2023 – current Chair, Department of Geography and Planning

2023 – 2024 Director of the Program in Planning, Department of Geography & Planning

2021 – 2023 Director of the Health Studies Program, University College

2024 – current Professor

2020 – 2024 Associate Professor

2015 – 2020 Assistant Professor

### University of Cincinnati (Cincinnati, Ohio, USA)

2012 – 2015 Assistant Professor

## Academic Accomplishments

### Honours and Awards

- Fellow, American Association of Geographers, January 2025
- Finalist – Champions of Change Award, Daily Bread Food Banks, October 2023
- Best Article Award in the journal Multimodal Transportation: Brice Batomen, Marie-Soleil Cloutier, Matthew Palm, Michael Widener, Steven Farber, Susan J Bondy, Erica Di Ruggiero (2023) "Frequent public transit users views and attitudes toward cycling in Canada in the context of the COVID-19 pandemic." Multimodal Transportation, 2(2), 2023
- Early Career Distinguished Alumni Award, University of Illinois – Urbana-Champaign, Department of Geography and Geographic Information Science, April 2022
- Emerging Scholar Award, Awarded by the Health and Medical Geography Specialty Group of the Association of American Geographers, April 2019
- Dean's Excellence Award, July 2018, July 2021, July 2022, July 2023, July 2024
- Early Researcher Award, Province of Ontario, February 2018
- Canada Research Chair Tier 2, October 2017
- Chair of Ideas, Awarded by Lausanne Collegiate School, Memphis, TN, March 2016

## Professional Affiliations and Activities

- Health & Place (Elsevier)
  - Co-Editor in Chief, January 2024 – Present
  - Associate Editor, February 2023 – December 2023
  - Editorial Board Member, July 2022 – February 2023
- Geographical Analysis (Wiley)
  - Editorial Board Member, April 2024 – Present
- Information Geography (Elsevier)
  - Editorial Board Member, September 2025 – Present
- Public Health Nutrition (Cambridge)
  - Statistical Editor, August 2022 – December 2023
- Discover Social Science and Health (Springer)
  - Editorial Board Member, March 2021 – Present
- Journal of Applied Geography (Elsevier)
  - Editorial Board Member, February 2018 – February 2023
- Member, CIHR College of Reviewers
  - 2020-2024, Member of the Public, Community, and Population Health PH1 review committee in 2020-2024
- National Academy of Science's Transportation Research Board
  - Co-Chair – ADD50(1) Subcommittee on Health and Transportation, June 2017 – July 2020
  - Committee Member – ADD20 Social and Economic Factors, June 2015 – July 2020
  - Committee Member – ADD50 Environmental Justice in Transport, June 2015 – July 2020
- Network on European Communications and Transport Activities Research
  - Co-Chair – Transportation, Society and Health Cluster, Jan. 2017 – Present
  - Chair – Organizing Committee for the NECTAR 2021 International Meeting (Toronto)
- Canadian Urban Environmental Health Research Consortium (CIHR)
  - Co-lead – Neighbourhood Factors Research Group, Jan. 2017 – 2021
- Association of American Geographers' Health and Medical Geography Specialty Group
  - Chair, April 2017 – April 2018
  - Vice-Chair, April 2016 – April 2017
  - Board Member, April 2014 – April 2016

- GIScience 2016, 9<sup>th</sup> International Conference on Geographic Information Science
  - Co-chair – Workshops, September 2015 – September 2016

### **Research Endeavours**

- Health, Transportation, and Mobility
- Geographic Variations in Health Outcomes
- Access to Food and Dietary Behaviours
- Impacts of Urban Planning on Health and Urban Health

### **Research Grants and Awards**

- Canadian Institutes of Health Research

CIHR Project Grant: “HEALthy Eating and Supportive Environments (HEAL); a Pan-Canadian study.” (\$1,732,726 – Widener share \$130,000)

- Role: Co-I, March 2023, Duration 5 years

CIHR Operating Grant - COVID-19 Research Gaps and Priorities. “Sexual Health and STI Prevention For Men Who Have Sex with Men (MSM) In Suburban Cities” (\$393,975)

- Role: Co-I, March 2021, Duration 2 years

CIHR Project Grant - Priority Announcement: HIV/AIDS and STBBI. “Sexual Health and STI Prevention For Sexual Minority Men In Suburban Cities.” (\$85,000)

- Role: Co-I, March 2020, Duration 1 year

CIHR Operating Grant: Data Analysis Using Existing Databases and Cohorts “Creating healthier cities through monitoring Canadian retail food environments: Using a novel administrative database to establish valid, small-area, Canada-wide, open-access measures to monitor the retail food environment for population health intervention research and municipal food environment policy action.” (\$99,628)

- Role: Co-I, October 2018, Duration 1 year

Planning and Dissemination Grant “Considering the role of time pressure and geography in food shopping and dietary behaviours.” (\$19,800)

- Role: PI, March 2017, Duration: 3 years

CIHR Operating Grant “Canadian Urban Environmental Health Research Consortium” (\$4,165,000 - Widener share: \$45,000)

- Role: Co-I, March 2016, Duration: 5 years

Planning and Dissemination Grant “Smart Prevention: Developing smart city enabled precision public health research infrastructure for disease and injury prevention” (\$10,000)

- Role: Co-I, January 2018, Duration: 1 year

Planning and Dissemination Grant “INTERvention Research Across Cities (INTERACT) Team: Healthy Cities Planning & Dissemination Grant” (\$10,000)

- Role: Co-I, January 2018, Duration: 1 year

CIHR Travel Award “Healthy Cities Think Tank Travel Award” (\$1,500)

- Role: PI, November 2017, Duration: 1 year

- Social Sciences and Humanities Research Council

Insight Development Grant “Environmental noise pollution and its effects on public well-being in Canada.” (\$63,261)

- Role: Collaborator, July 2023, Duration 2 years

Canada Research Chair Tier 2 in Transportation and Health (\$500,000)

- Role: PI, October 2022, Duration: 5 years

Partnership Grant “Mobilizing justice: towards evidence-based transportation equity policy” (\$2,498,195)

- Role: Co-I, October 2020, Duration 5 years (Widener Budget: \$235,500)

Insight Grant “Environmental determinants of social isolation in older adults: using a social ecological approach to inform Age-Friendly Communities” (\$123,500)

- Role: Co-I, October 2020, Duration: 4 years

Canada Research Chair Tier 2 in Transportation and Health (\$500,000)

- Role: PI, October 2017, Duration: 5 years

Insight Grant “Time, geography, and food: how time use, social-spatial context, transportation options, and personal economics affect access to food in cities” (\$222,016)

- Role: PI, March 2017, Duration: 4 years

Targeted Research: Syria Refugee Arrival, Resettlement, and Integration “The Transportation Barriers to Refugee Participation and Settlement in Durham Region” (\$24,737)

- Role: Co-I, October 2016, Duration: 1 year

Partnership Development Grant “The DataMobile Partnership: An Open Platform for Spatialized Data Collection and Analysis” (\$149,647)

- Role: Co-I, March 2016, Duration: 2 years

- Nuffield Trust (UK)

Research Grant: “Food banks as hubs in the crisis ecosystem” (£152,000)

- Role: Co-I, December 2024, Duration: 2 years

- Ontario Ministry of Research and Innovation

Early Research Award (\$140,000)

- Role: PI, March 2018, Duration: 5 years

- Maple Leaf Centre for Action on Food Security

Learning Grant “Understanding the Impact of Food Bank Models and Program Access Considerations in Toronto” (\$73,890)

- Role: Co-PI, July 2021, Duration 2 years

- University of Toronto Internal Competitions

Urban Challenge Grant – School of Cities. “Donde vivimos (where we live): Investigating how Latinx newcomers’ experiences with housing and neighbourhoods in Toronto impact health and well-being.” (\$74,970)

- Role: Nominated PI, April 2023, Duration 1.75 years

Connaught Community Partnership Research Program. “Examining Latinx newcomers’ experiences with housing (in)stability and relationship to health care needs and access.” (\$90,650)

- Role: Co-PI, July 2023, Duration 1 year

Global Connaught Challenge Award “Research Capacity for a Climate Positive Health System: The International Research Network for Climate Positive Care (IRNCPC)” (\$249,820)

- Role: Co-PI, October 2021, Duration: 1 year

UofT Global Classroom Award “Night markets, mercados, and grocery stores: how do food retailers differ around the world and what do these differences mean for diet and health?” (\$1,150)

- Role: PI, June 2021, Duration: 1 year

UofT-Tsinghua University Joint Program Grant. “Time Use, Activity Participation, and Elderly Health in Everyday Context: A Comparison Between China and Canada.” (\$40,000)

- Role: PI, October 2019, Duration: 3 years

Centre for Global Engineering: Reconciliation Through Engineering Initiative “Transportation Network Design and Optimization for Remote Northern Communities.” (\$74,000)

- Role: Co-I, April 2019, Duration: 1 year

XSeed Program “Prioritizing airport infrastructure upgrades to improve social sustainability and well-being in remote Northern Ontario communities.” (\$120,000)

- Role: Co-I, April 2018, Duration: 2 years

Connaught New Researcher Award “Grocery Stores, Time Budgets, and Travel Costs: Accounting for Space and Time when Measuring Access to Healthy Retail” (\$20,200, awarded top up)

- Role: PI, April 2016, Duration: 2 years

- Mitacs

Accelerate Fellowship “Assessing COVID-19 Impacts on Urban Travel and Activity Patterns Employing Cellphone Travel Data” (\$60,000)

- Role: Co-I, October 2020, Duration: 1 year

- City of Toronto, Toronto Public Health

Contract “Measuring Space-time Access to Healthy Food Retailers in Toronto” (\$15,864)

- Role: PI, April 2016, Duration: 9 months

## Refereed Journal Articles

(\* denotes trainee working under Widener’s supervision or guidance)

1. Klicnik, I., Putman, A., Rudoler, D., Widener, M.J., & Dogra, S. (2024). Neighbourhood Walkability and Greenness Exhibit Different Associations with Social Participation in Older Males and Females: An Analysis of the CLSA. *Canadian Journal on Aging.*, 1–9. <https://doi.org/10.1017/S0714980824000369>
2. DeJohn, A.D.\*, Liu, B.\*, Ma, X., Widener, M.J., Liu, Z. (2024). Alone Together? A time use approach for examining socializing when travel is limited. *Canadian Geographies, Online First*, <https://doi.org/10.1111/cag.12961>

3. Klicnik, I., Andrawes, R. R., Bell, L., Manafo, J., Miller, E. M., Sun, W., Widener, M.J. & Dogra, S. (2024). Insights from neighbourhood walking interviews using the Living Environments and Active Aging Framework (LEAAF) in community-dwelling older adults. *Health & Place*, 89, 103339.
4. Ng, K. Y., Hong, A., Higgins, C. D., Widener, M. J., & Koh, K. (2024). Beyond distance: Measuring spatial accessibility to healthy food for older adults in Hong Kong using a 3D least-effort method. *Applied Geography*, 169, 103336.
5. DeJohn, A.D.\*, Widener, M. J., Wilson, K., & Mihailidis, A. (2024). " It's not at all the same as being in the same room, being in the same space": Older adult technology use and activity place modification during COVID-19 lockdown. *SSM-Qualitative Research in Health*, 100401.
6. Zhou, H., Wang, J., Widener, M., & Wilson, K. (2024). Examining the relationship between active transport and exposure to streetscape diversity during travel: A study using GPS data and street view imagery. *Computers, Environment and Urban Systems*, 110, 102105.
7. Palm, M., Nakshi, P., Barri, E. Y., Farber, S., & Widener, M. (2024). Uncovering suppressed travel: A scoping review of surveys measuring unmet transportation need. *Travel Behaviour and Society*, 36, 100784.
8. Palm, M., Allen, J., Zhang, Y., Tiznado-Aitken, I., Batomen, B., Farber, S., & Widener, M. J. (2024). Facing the future of transit ridership: shifting attitudes towards public transit and auto ownership among transit riders during COVID-19. *Transportation*, 51(2), 645-671. <https://doi.org/10.1007/s11116-022-10344-2>
9. Palm, M., Widener, M. J., & Farber, S. (2023). Getting groceries during the pandemic: How transit remained important despite the rise of e-delivery. *Journal of Transport & Health*, 31, 101623.
10. Liu, B.\*, Widener, M. J., Smith, L. G., & Gesink, D. (2023). Integrating coordination of food purchasing into activity space-based food environment research: Toward a household perspective. *Health & Place*, 82, 103046.
11. DeJohn, A. D.\*, Widener, M. J., & Mihailidis, A. (2023). Who uses technology to socialize? Evidence from older Canadian adults. *Discover Social Science and Health*, 3(1), 19.
12. Stevenson, A. C., Colley, R. C., Dasgupta, K., Minaker, L. M., Riva, M., Widener, M. J., & Ross, N. A. (2023). Neighbourhood fast-food environments and hypertension in Canadian adults. *American Journal of Preventive Medicine*.
13. Chen, G., Widener, M. J., Zhu, M., & Wang, C. C. (2023). Identification of priority areas for public-access automated external defibrillators (AEDs) in metropolitan areas: A case study in Hangzhou, China. *Applied Geography*, 154, 102922.
14. Mackenbach, J. D., Widener, M. J., van der Gaag, E., & Pinho, M. G. (2023). "Survey-derived activity space-based exposures to fast food outlets and their cross-sectional associations with use of fast food outlets, diet quality and BMI." *Health & Place*, 79, 102966. <https://doi.org/10.1016/j.healthplace.2023.102966>

15. Seale, E., Sturrock, S. L., Widener, M. J., & Myran, D. T. (2022). "The availability and distribution of vaping retailers across Ontario neighbourhoods, 2016–2019." *Canadian Journal of Public Health*, 1-9. <https://doi.org/10.17269/s41997-022-00718-5>
16. Chen, X., Ye, X., Widener, M. J., Delmelle, E., Kwan, M. P., Shannon, J., ... & Jia, P. (2022). "A systematic review of the modifiable areal unit problem (MAUP) in community food environmental research." *Urban Informatics*, 1(1), 22. <https://doi.org/10.1007/s44212-022-00021-1>
17. Batomen, B., Cloutier, M. S., Palm, M., Widener, M., Farber, S., Bondy, S. J., & Di Ruggiero, E. (2022). "Frequent public transit users views and attitudes toward cycling in CANADA in the context of the COVID-19 pandemic." *Multimodal Transportation*, 100067. <https://doi.org/10.1016/j.multra.2022.100067>
18. Liu, B.\*, Widener, M. J., Smith, L. G., Farber, S., Gesink, D., Minaker, L. M., Patterson, Z., Larsen, K., & Gilliland, J. (2022). "Time-Geographic Project of Household Food Provision: Conceptualization and a Pilot Case Study." *Annals of the American Association of Geographers*, 1-25. <https://doi.org/10.1080/24694452.2022.2134088>
19. Rojas Quezada, C., Widener, M.J., Carrasco, J.A., Meneses, F., Rodríguez, T (2022) "Accessibility Indicators to Fresh Food: A Quantitative Insight from Concepción, Chile", *The Professional Geographer*, DOI: 10.1080/00330124.2022.2094423
20. Smith, L.G.\*, Ma, M.Y.\*, Widener, M.J., Farber, F. (2022) "Geographies of grocery shopping in major Canadian cities: evidence from large-scale mobile app data", *Environment and Planning B*. 23998083221129272. <https://doi.org/10.1177/23998083221129272>
21. Liu, B.\*, Widener, M. J., Smith, L. G., Farber, S., Gesink, D., Minaker, L. M., ... & Gilliland, J. (2022). Who's cooking tonight? A time-use study of coupled adults in Toronto, Canada. *Time & Society*, 0961463X221100696.
22. Wang, S.\*, Widener, M.J., Burchell, A.N., Grace, D., Gesink, D. (2022) "Spatial access to sexual health clinics measured through a novel accessibility score in Toronto, Canada", *Sexually Transmitted Diseases*. 49(7), 484-489.
23. DeJohn, A.\*, Widener, M.J., Shannon, J. (2022) "Transit access to subsidized food stores in the American Midwest", *The Professional Geographer*. 1-14. <https://doi.org/10.1080/00330124.2022.2103720>
24. Crooks, V.A., Finlay, J., & Widener, M.J. (2022) "The changing geographies of aging." *The Canadian Geographer / Le Géographe Canadien*. 66(1), 48-51.
25. Tobin, M., Hajna, S., Orychock, K., Ross, N., DeVries, M., Villeneuve, P.J., Frank, L.D., McCormack, G.R., Wasfi, R., Steinmetz-Wood, M., Gilliland, J., Booth, G.L., Winters, M., Kestens, Y., Manaugh, Y., Rainham, D., Gauvin, L., Widener, M.J., Muhajarine, N., Luan, H., Fuller, D. (2022) "Rethinking walkability and developing a conceptual definition of active living environments to guide research and practice." *BMC Public Health*, 22:450.
26. Stevenson, A.C.\*, Kaufmann, C.\*, Colley, R.C., Minaker, L.M., Widener, M.J., Burgoine, T., Sanmartin, N., & Ross, N. (2022) "A pan-Canadian dataset of neighbourhood retail

- food environment measures using Statistics Canada's Business Register." *Health Reports*, 33(2), 3-14.
27. Higgins, C., Palm, M., \*DeJohn, A., Xi, L., Vaughan, J., Farber, S., Widener, M.J., & Miller, E. (2022). "Calculating place-based transit accessibility: Methods, tools and algorithmic dependence." *Journal of Transport and Land Use*, 15(1), 95-116.
  28. Liu, B.\*, Widener, M.J., Smith, L.G.\*, Farber, S., Minaker, L. M., Patterson, Z., ... & Gilliland, J. (2022). "Disentangling Time Use, Food Environment, and Food Behaviors Using Multi-Channel Sequence Analysis". *Geographical Analysis*, 54(4), 881-917. <https://doi.org/10.1111/gean.12305>
  29. Green, M.A., Hobbs, M., Ding, D., Widener, M.J., Murray, J., Reece, L., Singleton, A. (2021) "The association between fast food outlets and overweight in adolescents is confounded by neighbourhood deprivation: a longitudinal analysis of the Millennium Cohort Study." *International Journal of Environmental Research and Public Health*, 18(24), 13212.
  30. Dimayuga, P.I., Galloway, T., Widener, M.J., & Saxe, S. (2021). Air transportation as a central component of remote community resilience in northern Ontario, Canada. *Sustainable and Resilient Infrastructure*, 7(5), 624-637. <https://doi.org/10.1080/23789689.2021.1984634>
  31. Widener, M.J., Ren, L.\*, Astbury, C.C., Smith, L.G.\*, & Penney, T.L. (2021). "An exploration of how meal preparation activities relate to self-rated time pressure, stress, and health in Canada: A time use approach". *SSM-Population Health*, 15, 100818. <https://doi.org/10.1016/j.ssmph.2021.100818>
  32. Shannon, J., Reese, A. M., Ghosh, D., Widener, M.J., & Block, D. R. (2021). "More Than Mapping: Improving Methods for Studying the Geographies of Food Access." *American Journal of Public Health*, 111, 1418-1422. <https://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2021.306339>
  33. Palm, M., Allen, J., Liu, B.\*, Zhang, Y., Widener, M.J., & Farber, S. (2021). "Riders Who Avoided Public Transit During COVID-19: Personal Burdens and Implications for Social Equity." *Journal of the American Planning Association*, 1-15.
  34. Palm, M., Sturrock, S.L., Howell, N.A., Farber, S., & Widener, M.J. (2021). The uneven impacts of avoiding public transit on riders' access to healthcare during COVID-19. *Journal of Transport & Health*, 101112. <https://doi.org/10.1016/j.jth.2021.101112>
  35. Smith, L.G.\*, Widener, M.J., Liu, B.\*, Farber, S., Minaker, L. M., Patterson, Z., ... & Gilliland, J. (2021). "Comparing Household and Individual Measures of Access through a Food Environment Lens: What Household Food Opportunities Are Missed When Measuring Access to Food Retail at the Individual Level?". *Annals of the American Association of Geographers*, 1-21. <https://doi.org/10.1080/24694452.2021.1930513>
  36. Bayat, S., Naglie, G., Rapoport, M.J., Stasiulis, E., Widener, M.J., & Mihailidis, A. (2021). "A GPS-Based Framework for Understanding Outdoor Mobility Patterns of Older Adults with Dementia: An Exploratory Study". *Gerontology*, 1-15. <https://doi.org/10.1159/000515391>



37. Ton, M., Widener, M.J., James, P., & VoPham, T. (2021). "Food Environments and Hepatocellular Carcinoma Incidence". *International journal of environmental research and public health*, 18(11), 5740. <https://doi.org/10.3390/ijerph18115740>
38. Bayat, S.\*, Mihailidis, A., & Widener, M.J. (2021). "Bringing the "Place" to Life-Space in Gerontology Research". *Gerontology*, 67(3), 374-378. <https://doi.org/10.1159/000513762>
39. Zhang, Y., Palm, M., Scheff, J., Farber, S., & Widener, M.J. (2020). "Travel Survey Recruitment Through Facebook and Transit App: Lessons from COVID-19." *Transport Findings*, 1-7. <https://doi.org/10.32866/001c.18066>
40. Liu, B.\*, Widener, M.J., Burgoine, T., Hammond, D. (2020). Association between time-weighted activity space-based exposures to fast food outlets and fast food consumption among young adults in urban Canada. *Int. J. Behavioural Nutrition and Physical Activity*, 17(62), 1-13. <https://doi.org/10.1186/s12966-020-00967-y>
41. Green, M. A., Widener, M., Pollock, F. D., & Pearce, J. (2020). The evolution of Health & Place: Text mining papers published between 1995 and 2018. *Health & Place*, 61, 102207. <https://doi.org/10.1016/j.healthplace.2019.102207>
42. Gesink, D., Salway, T., Kimura, L., Connell, J., Widener, M., & Ferlatte, O. (2020). The Social Geography of Partner Selection in Toronto, Canada: A Qualitative Description of "Convection Mixing". *Archives of Sexual Behavior*, 49(5) 1839-1851. <https://doi.org/10.1007/s10508-019-01484-1>
43. Hong, A., B. Kim, M.J. Widener (2020) Noise and the city: Leveraging crowdsourced big data to examine the spatio-temporal relationship between urban development and noise annoyance. *Environment and Planning: B*. 47(7), 1201-1218. <https://doi.org/10.1177/2399808318821112>
44. Schleith, D.\*, Widener, M. J., Kim, C., & Horner, M. W. (2019). Categorizing Urban Form for the Largest Metro Regions in the US Using the Excessive Commuting Framework. *Built Environment*, 45(4), 450-461.
45. Wessel, N., S. Farber, M.J. Widener (2019) Are Workers Attracted to Social Interaction Opportunities? A Study of Face-to-Face Contact Opportunities by Occupation and Industry. *Professional Geographer*. 71(1), 83-95.
46. Schleith, D.\*, M.J. Widener, C.J. Kim, L. Liu (2018) Assessing the Delineated Commuter Sheds of Various Clustering Methods. *Computers, Environment and Urban Systems*. 71, 81-87.
47. Farber, S., A. Mifsud, J. Allen, M.J. Widener, B. Newbold, Md. Moniruzzaman (2018) Transportation barriers to Syrian newcomer participation and settlement in Durham region. *Journal of Transport Geography*. 68, 181-192.
48. Widener, M.J. (2018) Spatial Access to Food: Retiring the Food Desert Metaphor. *Physiology & Behavior*. 193, 257-260.

49. Widener, M.J., L. Minaker, J.L. Reid, Z. Patterson, T. Kamal Ahmadi\*, D. Hammond (2018) Activity space-based measures of the food environment and their relationships to food purchasing behaviours for young urban adults in Canada. *Public Health Nutrition*. 21(11), 2103-2116.
50. Howell, N.A., S. Farber, M.J. Widener, J. Allen, G. Booth. (2018) Association between residential self-selection and non-residential built environment exposures. *Health and Place*. 54. 149-154.
51. Vasilyeva K.\* , M.J. Widener, S.M. Galvagno Jr., Z. Ginsberg. (2018) Spatial methods for evaluating critical care and trauma transport: A scoping review. *Journal of Critical Care*. 43, 265-270.
52. Chakraborty B.+ , M.J. Widener +, S.M. Salehadabi, M.E. Northridge, S.S. Kum, Z. Jin, C. Kunzel, H.D. Palmer, S.S. Metcalf (2017) Estimating peer density effects on oral health for community-based older adults. *BMC Oral Health*. 17(1), 166-178. **+ equal contributors for first author**
53. Howell, N.A., S. Farber, M.J. Widener, G.L. Booth. (2017) Residential or activity space walkability: What drives transportation physical activity? *Journal of Transport and Health*. 7, 160-171.
54. Widener, M.J., S. Saxe, T. Galloway. (2017) Relationship between Airport Infrastructure and Flight Arrivals in Remote, Northern Canadian Communities. *Arctic*. 70(3), 249-258.
55. Katz, B.S., J.P. Broderick, H. Sucharew, O. Adeoye, J. McMullan, P. Khatri, M.J. Widener, K.A. Alwell, C.J. Moomaw, B.M. Kissela, M.L. Flaherty, D. Woo, S. Ferioli, J. Mackey, S. Martini, F. De Los Rios la Rosa, D. Kleindorfer. (2017) Estimated Impact of EMS Triage of Stroke Patients to Comprehensive Stroke Centers: A Population-Based Study. *Stroke*. 48(8), 2164-2170.
56. Widener, M.J., L. Minaker, S. Farber, J. Allen\*, B. Vitali\*, P. Coleman, B. Cook. (2017) How do changes in the daily food and transportation environments affect healthy food accessibility? *Applied Geography*. 83, 46-62.
57. Wessel, N.\* , M.J. Widener. (2017) Discovering the space-time dimensions of schedule padding and delay from GTFS and real-time transit data. *Journal of Geographical Systems*. 19(1), 93-107.
58. Widener, M.J. (2017) Comparing Measures of Accessibility to Urban Supermarkets for Transit and Auto Users. *The Professional Geographer*. 69(3) 362-371.
59. Schleith, D.\* , M.J. Widener, C.J. Kim (2016) An examination of the jobs-housing balance of different categories of workers across 26 metropolitan regions. *Journal of Transport Geography*. 57, 145-160.
60. Widener, M.J., M. Hatzapoulou. (2016) Contextualizing Research on Transportation and Health: A Systems Perspective. *Journal of Transport & Health*. 3(3), 232-239.

61. Jones, M., C.M. Brown, M.J. Widener, H.J. Sucharew, A.F. Beck. (2016) Area-Level Socioeconomic Factors are Associated with Non-Completion of Pediatric Preventive Services. *Journal of Primary Care and Community Health*. 7(3), 143-148.
62. Wessel, N.\*, M.J. Widener (2015) Rethinking the Urban Bicycle Map for the 21st Century. *Cartographic Perspectives*. 81. 6-22.
63. Horner, M.W., D. Schleith\*, M.J. Widener. (2015) An analysis of the commuting and job-housing patterns of older adult workers. *The Professional Geographer*, 67(4), 575-585.
64. Widener, M.J., Z. Ginsberg, D. Schleith\*, D. Floccare, J. Hirshon, S. Galvagno. (2015) Ground and Helicopter Emergency Medical Services Time Tradeoffs Assessed with Geographic Information. *Aerospace Medicine and Human Performance*, 86(7),1-8.
65. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. (2015) Spatiotemporal accessibility to supermarkets using public transit: an interaction potential approach in Cincinnati, Ohio. *Journal of Transport Geography*, 42, 72-83.
66. Nowell, H., M.W. Horner, M.J. Widener. (2014) Impacts of Disrupted Road Networks in Siting Relief Facility Locations: A Case Study for Leon County, FL. *Natural Hazards Review*, 16(3), 04014032.1-04014032.11.
67. Widener, M.J. & W. Li. (2014) Using geolocated Twitter data to monitor the prevalence of healthy and unhealthy food references across the US. *Applied Geography*, 54, 189-197.
68. Widener, M.J. & J. Shannon. (2014) When are food deserts? Integrating time into research on food accessibility. *Health and Place*, 30, 1-3.
69. Widener, M.J., M.W. Horner, K. Ma\*. (2014) Positioning disaster relief teams given dynamic service demand: A hybrid agent-based and spatial optimization approach. *Transactions of GIS*. 19(2), 279-295.
70. Farber, S., M. Morang, M.J. Widener. (2014) Temporal Variability in Transit-Based Accessibility to Supermarkets. *Applied Geography*. 53, 149-159.
71. Widener M.J., M.E. Northridge, B. Chakraborty, S. Marshall, I. Lamster, S. Kum, S.S. Metcalf (2014), Patterns of Chronic Conditions in Older Adults: Exploratory Spatial Findings from the ElderSmile Program. *American Journal of Preventive Medicine*. 46(6), 643-648.
72. Metcalf, S.S., M.E. Northridge, M.J. Widener, B. Chakraborty, S. Marshall, I. Lamster. (2013), Modeling Social Dimensions of Oral Health among Older Adults in Urban Environments. *Health Education and Behavior*. 40, 63S-73S.
73. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. (2013), Using Urban Commuting Data to Calculate a Spatiotemporal Accessibility Measure for Food Environment Studies. *Health and Place*, 21, 1-9.
74. Widener, M.J., S.S. Metcalf, Y. Bar-Yam. (2013). Agent-based Modeling of Policies to Improve Urban Food Security. *Applied Geography*, 40, 1-10.

75. Widener, M.J., M.W. Horner, S.S. Metcalf. (2013) Simulating the effects of social networks on a population's hurricane evacuation participation. *Journal of Geographical Systems*. 15(2), 193-209.
76. Widener, M.J., Yavni Bar-Yam, A. Gros, S.S. Metcalf, Yaneer Bar-Yam (2013) Modeling Policy and Agricultural Decisions in Afghanistan. *GeoJournal*. 78, 591-599.
77. Widener, M.J., S.S. Metcalf, M. Northridge, B. Chakraborty, S. Marshall and I. Lamster. (2012) Exploring the role of peer density in the self-reported oral health outcomes of older adults. *Health and Place*, 18(4), 782-788.
78. Widener, M.J., S.S. Metcalf, Y. Bar-Yam. (2012) Developing a Mobile Produce Distribution System for Low-income Urban Residents in Food Deserts. *Journal of Urban Health*, 89(5), 733-745.
79. Widener, M.J., N. Crago, J. Aldstadt. (2012) Developing a Parallel Computational Implementation of AMOEBA. *International Journal of Geographical Information Science*, 26(9), 1707-1723.
80. McLafferty, S., M.J. Widener, S. Grady, R. Chakrabarti. (2012) Ethnic Density and Immigrant Health Inequalities: Bangladeshi Immigrant Women in New York City in the 1990s. *Annals of the Association of American Geographers*, 102(5), 893-903.
81. Widener, M.J., S.S. Metcalf, Y. Bar-Yam. (2011) Dynamic Urban Food Environments: A Temporal Analysis of Access to Healthy Foods. *American Journal of Preventive Medicine*, 41(4), 439-441.
82. Horner, M.W. & M.J. Widener. (2011) The effects of transportation network failure on people's accessibility to hurricane disaster relief goods: a modeling approach and application to a Florida case study. *Natural Hazards*, 59(3), 1619-1634.
83. Widener, M.J. & M.W. Horner. (2011) A Hierarchical Approach to Modeling Hurricane Disaster Relief Goods Distribution. *Journal of Transport Geography*, 19(4), 821-828.
84. Metcalf, S.S., M.J. Widener. (2011) Growing Buffalo's capacity for local food: A systems framework for sustainable agriculture. *Applied Geography*, 31(4), 1242-1251.

### **Refereed Book Chapters**

(\* denotes trainee working under Widener's supervision or guidance)

1. Widener, M.J. and J. Cidell (2021) The Place, Labor, and Networks of Transportation During COVID-19. In *COVID-19 and Similar Futures: Pandemic Geographies*. eds. Andrews G.J., Crooks V.A., Pearce J.R., Messina J.P. Springer.
2. Widener, M.J., B. Liu\* (2021) Food Environments. In *International Encyclopedia of Geography: People, the Earth, Environment and Technology*, Wiley/AAG.

3. Plue, R.\* , L. Jewett\*, M.J. Widener (2020) Considerations When Using Individual GPS Data in Food Environment Research: A Review of Selected Literature on Selective (Daily) Mobility Bias in GPS Exposure Studies of Retail Food Environments. In *Geospatial Technologies in Urban Health*, eds. Y. Liu and E. Delmelle. Springer.
4. Widener, M.J. (2018) Transportation and Health Geographies. In *Routledge Handbook of Health Geographies*, eds. V. Crooks, G. Andrews, J. Pearce. Routledge.
5. Horner, M.W., M.J. Widener (2010) How do Socioeconomic Characteristics Interact with Equity and Efficiency Considerations? An Analysis of Hurricane Disaster Relief Goods Provision. In *Geospatial Analysis in Urban Environments*, eds. B. Xiang and A. Yao. Springer.

### **Non-Refereed Publications**

(\* denotes trainee working under Widener's supervision or guidance)

1. Mah, Sarah M., David Guillette, Michael J. Widener, Jeffrey R. Brook, Lorraine L. Lipscombe, Gillian L. Booth (2024) Chapter 3: Built Environment and Diabetes. *Novo Nordisk Network for Healthy Populations. Current State of Type 2 Diabetes in the Peel Region 2022*. Eds. Lipscombe et al.
2. Higgins, C., DeJohn, A., Farber, S., Palm, M., Vaughan, J., Widener, M.J., ... & Miller, E. J. (2020). *Transportation Accessibility Advice*. <https://uttri.utoronto.ca/files/2020/07/UTTRI-Report-Transit-Accessibility-Advice-Final-Higgins-2020-1.pdf>
3. Palm, M., S. Farber, J. Allen, Y. Zhang, M. Widener, N. Howell (2020) *Public Transit and COVID-19 Survey: Results from the City of Vancouver*. Prepared for the City of Vancouver. Available at: <https://mobilizingjustice.ca/transit-%26-covid-19-survey>
4. Palm, M., J. Allen, M. Widener, Y. Zhang, S. Farber, N. Howell (2020) *Preliminary Results from the Public Transit and COVID-19 Survey (Toronto)*. Available at: <https://mobilizingjustice.ca/transit-%26-covid-19-survey>
5. Jones, B., J. Fulkerson, M.J. Widener, J. Brunstrom, S. Douglas (2018) Section 4 discussion: The built environment. *Physiology & Behavior*. 193, 268-269.

### **Papers Presented at Meetings and Symposia**

(\* denotes trainee working under Widener's supervision or guidance)

1. Widener, M.J. (2024) *Donde Vivimos (Where we live): Understanding the role of housing in health amongst Latinx newcomers in Toronto*. CAG 2024, St. John's, NL, Refereed: N
2. Lahaie Luna, Marianne\*, Michael J. Widener, Amaya Perez-Brumer, et. al. (2024) *Exploring the relationships between housing and food for Latinx newcomers in Toronto*. AAG 2024, Honolulu, Hawaii, Refereed: N
3. Koh, Keumseok, Ka Yiu Ng, Calvin Tribby, Michael J. Widener (2024) *Measuring distance and Uncertain Geographic Morphological Problem: A Study of 3D Spatial Food Accessibility in Hong Kong*. AAG 2024, Honolulu, Hawaii, Refereed: N

4. Widener, M.J., Elnaz Yousefzadeh\*, Sarah Wakefield, Talia Bronstein (2023) The role of urban food bank models and geographies in shaping food security and well-being in Toronto, ON. ACSP 2023, Chicago, Illinois, Refereed: Y
5. DeJohn, A.D.\*, Widener M.J., Liu B.\*, Ma X., Liu Z. (2023) Older Chinese migrants' emotional health and paired time use schedules during Toronto's extended lockdown. AAG 2023, Denver, Colorado, Refereed: N
6. Lahaie Luna, M.\*, Widener, M.J. (2023) The role of the urban food environment, time use, and language in newcomers' adaptation and wellbeing: a comparative study of South American migrants in Toronto and Santiago de Chile. AAG 2023, Denver, Colorado, Refereed: N
7. Nakshi, P., Palm, M., Yousefzadeh Barri, E., Farber, S., Widener, M.J. (2023) Travel Barriers: A Systematic Review of What Gets Asked and How? AAG 2023, Denver, Colorado, Refereed: N
8. Smith, L.J., Ma, Y\*, Widener, M.J., Farber, S. (2023) Geographies of grocery shopping in major Canadian cities: Evidence from large-scale mobile app data. AAG 2023, Denver, Colorado, Refereed: N
9. Widener, M.J. (2023) Michael Widener's Faculty Research Profile. Spatial Knowledge and Information Conference, Banff, AB. Refereed: N
10. DeJohn, A.D.\*, Widener M.J., Liu B.\*, Ma X., Liu Z. (2022) [Poster Presentation] Within household loneliness and time use among older Chinese adults in the Toronto area. International Association for Time Use Research Conference 2022, Montreal, Quebec, Refereed: Y
11. Lahaie Luna, M.\*, Widener, M.J., Smith, L.G.\*, Liu, B.\*, DeJohn, A.\* (2022) Exploring time use and the geography of food-related behaviours in four Canadian cities. International Medical Geography Symposium, Edinburgh, UK. Refereed: Y
12. Liu, B.\*, Widener, M.J., Smith, L.G.\* (2022) Integrating time use dynamics into spatial exposure to food environments: Sequence analysis of GPS trajectory data. International Medical Geography Symposium, Edinburgh, UK. Refereed: Y
13. Plue, R.\*, Widener, M.J. (Presenting Author) (2022) Evaluating the role of selective daily mobility bias in food retail environment research. International Medical Geography Symposium, Edinburgh, UK. Refereed: Y
14. Smith, L.G.\*, Widener, M.J., Liu, B. (2022) Considering household and care responsibilities when measuring access and mobility. International Medical Geography Symposium, Edinburgh, UK. Refereed: Y
15. Stevenson, A., Minaker, L., Widener, M.J., Colley, R., Riva, M., Dasgupta, K., Ross, N. (2022) Associations between neighbourhood fast-food environments and clinically-measured hypertension in urban dwelling Canadian adults: a cross-sectional study. International Medical Geography Symposium, Edinburgh, UK. Refereed: Y

16. Widener, M.J. (2022) Conference Chair's Opening and Closing Remarks on Transportation Equity. Meeting of the Network of European Communication and Transportation Activity Researchers, Toronto, ON. Refereed: N
17. DeJohn, A.\*, Widener, M.J., Ma, X., Liu, B.\*, Liu, Z. (2022) Time use, social isolation, and health among older Chinese immigrants in the Greater Toronto Area, Canada. Annual Meeting of the Association of American Geographers 2022.
18. Palm, M., Dos Santos, H., Abchiche-Lima, L., Hosford, K., Comeau, É., Newbold, K. B., Ross, T., Winters, M., Widener, M. (2022). Amplified and aggravated: A scoping review of the impact of COVID-19 on transportation inequities in Canada. Meeting of the Network on European Communications and Transport Activities Research (NECTAR), July 19, 2022, Toronto, Canada. Refereed: Y
19. Smith, L.\*, DeJohn, A.\*, Widener, M.J. (2022) Understanding the Impact of Food Bank Models and Program Access Considerations in Toronto, Canada. Annual Meeting of the Association of American Geographers 2022.
20. Lahaie Luna, M.\* Widener, M.J., Smith, L.\*, Liu, B.\*, DeJohn, A.\* (2022) Exploring time use and the geography of food-related behaviours in four Canadian cities. Annual Meeting of the Association of American Geographers 2022.
21. Liu, B.\*, Widener, M.J., Smith, L.\* (2022) Understanding the household food provision activities using the time-geographic concept of "project". Annual Meeting of the Association of American Geographers 2022.
22. Smith, L.G.\*, Liu, B.\*, Widener, M.J. (2021) Comparing geographies of care in contrasting neighbourhoods in Toronto, Canada. European Colloquium on Theoretical and Quantitative Geography Meeting.
23. Liu, B.\*, Smith, L.G.\*, Widener, M.J. (2021) Partners' non-food-related activities and arrangement of food-related household labor: a case study of coupled adults in Toronto, Canada. European Colloquium on Theoretical and Quantitative Geography Meeting.
24. Ma , X., Liu B.\*, DeJohn, A.\*, Widener, M.J., Liu, Z. (2021) More active lifestyle means better mental health? Examination of the associations between daily activity patterns and mental health for older adults in Beijing, China. ACSP Annual Meeting 2021.
25. DeJohn, A.\*, Widener, M.J., Liu, B.\*, Liu, Z. (2021) Social Isolation, Mobility, and Health Among Older Chinese Immigrants in the Greater Toronto Area, Canada. ACSP Annual Meeting 2021.
26. Bayat, S., Babulal, G.M., Widener, M.J.,...Mihailidis, A., Roe, C. (2021) COVID-19 and Preclinical Alzheimer Disease: Driving, mobility, activity and experiences of older adults in the United States. Alzheimer's Association International Conference 2021.
27. Smith, L.G.\*, Liu, B.\*, Widener, M.J. (2021) Comparing individual and household food environments: what household food opportunities are missed when measuring access to food retail at the individual level? Annual Meeting of the AAG 2021.

28. Liu, B.\* , Smith, L.G.\* , Widener, M.J. (2021) A study of time use and geography of partners using multiple sequence analysis. Annual Meeting of the AAG 2021.
29. DeJohn, A.\* , Widener, M.J. (2021) Social and Physical Habits of Older Adults in Toronto, Ontario during the Coronavirus Pandemic. Annual Meeting of the AAG 2021.
30. DeJohn, A.\* & Widener, M.J. (2020) Social, Physical, and Technological Habits of Older Adults in Toronto During the COVID-19 Pandemic. ACSP Annual Meeting 2020.
31. Widener, M.J. (2020) Panelist, Healthy Cities Roundtable, ACSP Annual Meeting 2020.
32. DeJohn, A.\* , Ren, L.\* , Liu, B.\* , Liu, Z., Widener, M.J. (2020) Social isolation, mobility, and health among older Chinese immigrants in the Greater Toronto Area, Canada. International Association of China Planning Conference.
33. DeJohn, A. Ren, L, Liu, B., Liu, Z., Widener, M.J. (2020) Social isolation, mobility, and health among older Chinese immigrants in the Greater Toronto Area, Canada. International Association of China Planning Conference.
34. Widener, M.J. (2020) Panelist at the AAG Virtual Meeting: Socio-economic Burdens and Policy Impacts of the COVID-19 Pandemic
35. DeJohn, A.\* , M.J. Widener (2020) Transit Access to Subsidized Food Stores in the American Midwest. AAG Virtual. Online.
36. Stevenson, A., C. Kaufmann, L. Minaker, M.J. Widener, M Riva, R Colley, N. Ross (2020) New Canadian retail food access measures and their associations with diet and markers of cardiometabolic health. AAG Virtual. Online.
37. Widener, M.J. (2020) Combining GPS and Time-use Data to Study Dietary Behaviours. 2020 GIS in Education and Research Conference. Toronto, ON.
38. Liu., B.\* , Widener, M.J. (2020) Association between Time-Weighted Activity Space-Based Exposures to Fast-Food Outlets and Fast-Food Consumption among Young Adults in Urban Canada. 2020 GIS in Education and Research Conference. Toronto, ON.
39. Mohamed, Z. \* , Widener, M.J. (2020) A Look at Canadians Accessibility to Healthy Food Retailers Using Food Retail Data from OpenStreetMap and Income Data from Statistics Canada. 2020 GIS in Education and Research Conference. Toronto, ON.
40. Hui, K. \* , Widener, M.J. (2020) Variations in Spatial Accessibility by Race to Acute Healthcare Facilities in Major Canadian Cities. 2020 GIS in Education and Research Conference. Toronto, ON.
41. Dimayugaa, P., E. Ohlrogge, M. Widener, T. Galloway, S. Saxe. (2020) Northern Ontario air transportation: infrastructure resilience and community well-being. 2nd International Conference on New Horizons in Green Civil Engineering (NHICE-02). Victoria, British Columbia.



42. Widener, M.J., Liu, B\*. (2019) A research framework incorporating mobility in dietary behavior research and 2 Canadian dietary behavior research projects. European Colloquium on Quantitative and Theoretical Geography. Mondorf-les-Bains, Luxembourg.
43. Widener, M.J., S. Sturrock, S. Farber, M. Sharek. (2019) Implications for the geography of urban food retail with increases in e-grocery service adoption. ACSP, Greenville, SC.
44. Widener, M.J. (2019) Initial Results from the Food Activities, Socioeconomics, Time-use, and Transportation (FASTT) Study. Presented at NECTAR 2019. Helsinki, Finland.
45. Widener, M.J. (2019) Time use, transport options and dietary behaviours: Initial Results from the FASTT Study. Presented at Int. Medical Geography Symposium 2019. Queenstown, New Zealand
46. Kaufmann, C.S., A.C. Stevenson, L.M. Minaker, M.J. Widener, K. Dasgupta, N.A. Ross (2019) Neighbourhood Fast Food Access and Fast Food Consumption across the Social Gradient in Canada. Canadian Research Data Centre Network Conference. Halifax, NS.
47. Rojas, C., J. Carrasco, F. Meneses, M.J. Widener. (2019) Access to healthy food: Quantitative insights from Chile by GIS. Sistemas de informacion geografica SIG al workshop: Critical GIS and Public Decision Making Processes in the City. Concepcion, Chile.
48. Widener, M.J. (2019) Using Geospatial and Temporal Data to Plan Healthier Cities. U of T and Tsinghua University Joint Symposium on Aging Well and Smart Cities. Tsinghua University, Beijing, China. 20 minutes.
49. Widener, M.J. (2019) Using Geospatial and Temporal Data to Plan Healthier Cities. U of T and Fudan University Joint Workshop. Fudan University, Shanghai, China. 20 minutes.
50. Widener, M.J. (2019) The impact of time use on dietary behaviours: preliminary results from the FASTT Study. Presented at the Annual Meeting of the Association of American Geographers. Washington D.C.
51. Widener, M.J. (2019) Panelist on Volunteered Geographic Information: Past, Present, and Future. Annual Meeting of the Association of American Geographers. Washington D.C.
52. Liu, B.\*, Widener, M.J., Burgoine, T. Hammond, D. (2019) Associations between activity space fast food exposure and fast food consumption among young adults in Canada. Presented at the Annual Meeting of the Association of American Geographers. Washington D.C.
53. Widener, M.J., S. Farber, L. Minaker, Z. Patterson, J. Gilliland. (2018) Using a Time Pressure Framework to Understand How Transportation Activities Affect Urban Diets. Paper presented at the ACSP Annual Conference. Buffalo, NY, October 2018.
54. Widener, M.J., L. Minaker, T. Kamal Ahmadi, Z. Patterson, J. Reid, D. Hammond. 2018. Activity space-based measures of the food environment and their relationships to food purchasing behaviours for young urban adults in Canada. Paper presented at the Annual Meeting of the Transportation Research Board. Washington, D.C. January 2018.

55. Patterson, Z., K. Fitzsimmons, M.J. Widener, J. Reid, D. Hammond. 2018. Recruitment, Burden, Incentives and Participation in Smartphone Travel Surveys. Paper presented at the Annual Meeting of the Transportation Research Board. Washington, D.C. January 2018.
56. Howell, N.A., S. Farber, M.J. Widener, G.L. Booth. 2018. Residential or activity space walkability: what drives active transportation? In Active Living Research Conference. Banff, Canada.
57. Howell N.A., S. Farber, M.J. Widener, G.L. Booth. 2018. Association between residential self-selection and non-residential built environment exposures. In Active Living Research Conference. Banff, Alberta, Canada.
58. Howell N.A., S. Farber, M.J. Widener, G.L. Booth. 2018. Residential or activity space walkability: what drives transportation physical activity. In Transportation Research Board Annual Meeting. Washington, DC.
59. Widener, M.J. 2018. Using a time pressure framework to understand how travel behaviours affect diets. Presented at the 2018 Workshop on Social and Health Issues Cluster of NECTAR. Utrecht, The Netherlands.
60. Widener, M.J. 2018. Using the Canada Food Study's GPS Trajectory Data: Opportunities and Challenges. Presented at the Canadian Public Health Association Annual Meeting. Montreal, QC.
61. Young, M., S. Farber, M.J. Widener, N. Wessel, Z. Patterson. 2018. Transport Inaccessibility as a Barrier to Participation: The Case of Toronto's Suburban Towers. Presented at the Annual Meeting of the Association of American Geographers. New Orleans, LA.
62. Farber, S., A. Mifsud, M.J. Widener, B. Newbold, J. Allen, M. Moniruzzaman. 2018. Transportation Barriers to Syrian Newcomer Participation and Settlement in Durham Region. Presented at the Annual Meeting of the Association of American Geographers. New Orleans, LA.
63. Jewett, L., M.J. Widener, D. Hammond. 2018. Understanding barriers to healthy eating: factors that lead to a diet of prepared foods. Presented at the Annual Meeting of the Association of American Geographers. New Orleans, LA.
64. Plue, R., M.J. Widener, D. Hammond. 2018. Understanding how Exposure Influences the Consumption of Sugar Sweetened Beverages (SSBs) Among Urban Young Adults. Presented at the Annual Meeting of the Association of American Geographers. New Orleans, LA.
65. Wilkinson, H., M.J. Widener. 2018. Understanding Undergraduate Food Behaviours: A Spatiotemporal and Socioeconomic Investigation. Presented at the Annual Meeting of the Association of American Geographers. New Orleans, LA.
66. Hong, Andy, B. Kim, and M.J. Widener. 2018. Citizen Sensing: Leveraging crowd-sourced 311 data to examine spatiotemporal relationship between urban development and noise annoyance. Paper scheduled for presentation at the Canadian Association of

- Geographers/International Geographical Union (CAG/IGU) conference, Quebec, QC. August 2018.
67. Hong, Andy, B. Kim, and M.J. Widener. 2017. Noise and the City: Spatiotemporal relationship between development patterns and residential noise complaints. Paper presented at the North American Regional Science Council (NARSC) conference, Vancouver, BC. November 2017.
  68. Howell N.A., S. Farber, M.J. Widener, G.L. Booth. 2017. Effects of neighbourhood exposure definition on the association between walkability and transportation physical activity. XVIII International Walk21 Conference on Walking and Livable Communities. Calgary, Canada.
  69. Widener, M.J., S. Saxe, T. Galloway. 2017. Examining How Residents Are Affected by Runway Infrastructure and Arrival Reliability in Fly-in-Only Communities in Northern Canada. In Transportation Research Board Annual Meeting. Washington DC.
  70. Widener, M.J., L. Minaker, S. Farber, J. Allen\*, B. Vitali\*, P. Coleman, B. Cook. 2017. How do changes in the daily food and transportation environments affect healthy food accessibility? In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
  71. Xu, J.\*, M.J. Widener. 2017. The Built Environment's Impact on Active Aging: Quantitative Content Analysis of the Literature. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
  72. Kim, Byoungjun, A. Hong, M.J. Widener. 2017. Noise and the City: Spatiotemporal relationship between development patterns and residential noise complaints. Paper presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, CO. October, 2017.
  73. Widener, M.J., T. Kamal-Ahmadi, L. Minaker, Z. Patterson, D. Hammond. 2017. How is food purchasing behaviour of 16-30 year olds affected by activity spaces in urban areas? In International Medical Geography Symposium. Angers, France.
  74. Howell, N.A., S. Farber, M.J. Widener, G. Booth. 2017. Effects of neighbourhood exposure definition on the association between walkability and transportation physical activity. In Walk21. Calgary, AB.
  75. Widener, M.J., J. Xu, S. Farber, A. Paez. 2017. Exploring the relationship between food shopping behaviour and transportation with time use data. In Association of American Geographers Annual Meeting. Boston, MA.
  76. Kamal-Ahmadi, T., M.J. Widener, L. Minaker, L. Thorton. 2017. A Systematic Review of Activity Spaces and Food-related Behaviours. In Association of American Geographers Annual Meeting. Boston, MA.
  77. Vasilyeva, K., M.J. Widener, S. Galvagno. 2017. Modelling the Effects of Space on Emergency Medical Transportation in Maryland, USA. In Association of American Geographers Annual Meeting. Boston, MA.

78. Vasilyeva, K.\*, M.J. Widener, Z. Ginsberg, S. Galvagno. 2016. Spatial Data Considerations for a Trauma Transport Spatial Decision Support System. In GIScience 2016. Montreal QC.
79. Schleith, D.\*, M.J. Widener. 2016. A multidirectional Optimal Ecotope-Based Algorithm to Delineate a Commuter Shed. In GIScience 2016. Montreal, QC.
80. Widener, M.J. 2016. A Comparison of Measuring Accessibility to Supermarkets using Cumulative Opportunities and Closest Facility Methods for Transit and Auto Users. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
81. Widener, M.J., M. Hatzopoulou. 2016. Contextualizing Research on Transportation and Health: A Systems Perspective. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
82. Widener, M.J., D. Schleith, A. Beck, C.M. Brown, A. Henize, N. Newman. 2016. Identifying disparities in pediatric asthma outcomes based on spatiotemporal access to relevant health services. In Association of American Geographers Annual Meeting. San Francisco, CA.
83. Jones, M.N., C.M. Brown, M.J. Widener, H.J. Sucharew, A.F. Beck. 2015. Area-level socioeconomic factors are associated with non-completion of pediatric preventive services. In Pediatric Academic Societies Annual Meeting, San Diego, California.
84. Gangal, N.S., M.J. Widener, C. Kelton, P.C. Heaton. 2015. Geographical Accessibility to Community and Hospital Pharmacies in Hamilton County. In Annual International Meeting of the International Society for Pharmacoeconomics and Outcomes Research. Philadelphia, PA.
85. Schleith, D., M.J. Widener. 2015. Examining Changes in Commuting Metrics Across 25 U.S. Cities over a Two-Decade Period: Updating Horner's 1990 Excess Commuting Results. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
86. Horner, M.W., D. Schleith, M.J. Widener. 2015. How Do Commuting and Jobs-Housing Patterns Differ for Those Closer to Retirement? Analysis of Land Use-Transportation Relationships in Five Florida Metropolitan Regions. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
87. Nowell, H., M.W. Horner, M.J. Widener. 2015. Impacts of Disrupted Road Networks in Siting Relief Facility Locations: A Case Study for Leon County, FL. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
88. Wessel, N., M.J. Widener. 2015. Discovering Transit Schedule Padding from Publicly Available Data. In Association of American Geographers Annual Meeting. Chicago, IL.
89. Schleith, D., M.J. Widener. 2015. AMOEBA defined commuter sheds. In Association of American Geographers Annual Meeting. Chicago, IL.

90. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. 2015. Spatiotemporal accessibility to supermarkets using public transit: an interaction potential approach in Cincinnati, Ohio. In Association of American Geographers Annual Meeting. Chicago, IL.
91. Farber, S., M. Morang, M.J. Widener. 2014. Temporal variability in transit-based accessibility: A case study of Cincinnati supermarkets. In 2014 World Symposium on Transport and Land Use Research. Delft, the Netherlands.
92. Kum, S., M.E. Northridge, H. Wang, C. Kunzel, S. Marshall, M.J. Widener, P. Wang, Z. Jin, S. Metcalf. 2014. Spatial Systems Science for Oral Health Promotion among Older Adults. In American Public Health Association 142nd Annual Meeting. New Orleans, LA.
93. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. 2014. Spatiotemporal accessibility to supermarkets using public transit: an interaction potential approach in Cincinnati, Ohio. In Proceedings of the Transportation Research Board Annual Meeting. Washington DC.
94. Widener, M.J., Z. Ginsberg, S.M. Galvagno, D. Schleith. 2014. Exploring the Role of Geography in Helicopter Emergency Medical Services. In Association of American Geographers Annual Meeting. Tampa, FL.
95. Widener, M.J., L. Liu. 2013. Simulating Relief Resource Distribution Strategies in Urban Settings. In *GeoComputation 2013*. Wuhan, China.
96. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. 2013. Using Urban Commuting Data to Calculate a Spatiotemporal Accessibility Measure for Healthy Food Environment Studies. In *Proceedings of the Transportation Research Board Annual Meeting*. Washington DC.
97. Widener M.J., M.E. Northridge, P. Wang, S. Kum, C. Zhuo, S.S. Metcalf. 2013. Using agent-based modeling to develop strategies for maximizing participation in an oral health screening program for older adults in northern Manhattan. In International Medical Geography Symposium, East Lansing, MI.
98. Widener, M.J., M.E. Northridge, B. Chakraborty, S. Marshall, I. Lamster, S. Kum, S.S. Metcalf. 2013. Spatial Patterns of Diabetes and Hypertension in Older Adults. In Association of American Geographers Annual Meeting. Los Angeles, CA.
99. Widener, M.J., M.W. Horner. 2012. Representing Dynamic Urban Environments in Spatial Optimization Models. In *GIScience 2012*. Columbus, OH.
100. Widener, M.J., S. Farber, T. Neutens, M.W. Horner. 2012. Incorporating spatiotemporal accessibility and activity analysis in urban food environment studies. In *Workshop on Time-Geography, GIScience 2012*. Columbus, OH.
101. Aldstadt, J., M.J. Widener, N. Crago. 2012. Detecting Irregular Clusters in Big Spatial Data. In *GIScience 2012*. Columbus, OH.
102. Widener, M.J., M.W. Horner, S.S. Metcalf. 2012. Simulating the effects of social networks on people's hurricane evacuation rates. In *Proceedings of the Transportation Research Board Annual Meeting*. Washington DC.

103. Widener, M.J. 2012. An Agent-based Approach to Modeling Food Desert Policy Interventions. In Association of American Geographers Annual Meeting. New York, NY. (Winner, Health and Medical Geography Specialty Group's Peter Gould Student Paper Competition PhD-level Award)
104. Metcalf, S.S., M.J. Widener, M.E. Northridge, S. Marshall, I.B. Lamster. 2012. Modeling Social Dimensions of Oral Health among Older Adults in Urban Environments. In Association of American Geographers Annual Meeting. New York, NY.
105. Widener, M.J., S.S. Metcalf, Y. Bar-Yam. 2011. Modeling Food Preference within Urban Environments. In *Proceedings of the International Conference on Complex Systems*. Quincy, MA.
106. Metcalf, S.S., M.J. Widener, M.E. Northridge, B. Chakraborty, S. Marshall & I. Lamster. 2011. Modeling Ways to Improve Oral Health in Older Adults. In *System Dynamics Winter Camp*. Austin, TX.
107. Zia, A., C. Koliba, S. Metcalf and M.J. Widener. 2011. "Agent Based Models of Cross-Jurisdictional Governance Networks: Simulating the Emergence of Project Prioritization Patterns Under Alternate Policy Regimes and Network Structures." In *Challenges Of Making Public Administration and Complexity Theory Work*. Rotterdam, the Netherlands.
108. Widener, M.J. 2011. Decreasing the Computation Time of the AMOEBA Algorithm: A Novel Parallel Implementation and Extensions. In Spatial Analysis and Modeling Specialty Group's Student Paper Competition, Association of American Geographers Annual Meeting. Seattle, WA. (Winner, 3rd Place)
109. Zia, A., C. Koliba, S. Metcalf and M.J. Widener. 2011. Agent Based Models of Cross-Jurisdictional Governance Networks: Simulating the Emergence of Project Prioritization Patterns Under Alternate Policy Theoretical Frameworks and Network Structures. The 11th Biannual Public Management Research Association Conference. Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse, NY.
110. Metcalf, S.S., M.J. Widener, M.E. Northridge, B. Chakraborty, S. Marshall & I. Lamster. 2011. Simulating Access to Oral Health Intervention Opportunities for Urban Seniors. In Association of American Geographers Annual Meeting. Seattle, WA.
111. Metcalf, S.S., M.J. Widener & J. Baker. 2010. A Systems Modeling Framework for Sustainable Urban Agriculture: Benchmarking Buffalo. In *Local Food Systems in Old Industrial Regions*. Toledo, OH: International Geographical Union Commission on the Dynamics of Economic Spaces.
112. Widener, M.J. & M.W. Horner. 2010. Adapting a Hierarchical Median Model for Hurricane Disaster Relief Planning. In *Proceedings of the Transportation Research Board Annual Meeting*. Washington DC.
113. Widener, M.J., S.S. Metcalf, M.E. Northridge, B. Chakraborty, I. Lamster & S. Marshall. 2010. A Systems Modeling Approach for Improving Oral Health Outcomes in Older Adults. In System Dynamics Society PhD Colloquium. Albany, NY.

114. Zia, A., S.S. Metcalf & M.J. Widener. 2010. Management of Complex Governance Networks: Opportunities and Challenges for Agent Based Models of Policy Analysis. In American Society for Public Administration. San Jose, CA.
115. Metcalf, S.S., M.J. Widener, M.E. Northridge, B. Chakraborty, I. Lamster. 2010. Systems Modeling to Identify Oral Health Interventions for Older Adults. In Modeling for Public Health Action: From Epidemiology to Operations. Atlanta, GA.
116. Widener, M.J. & S.S. Metcalf. 2010. Planting Place: Examining Spatial Meanings in Post-Industrial Cities through Reactions to Urban Agriculture. In Urban Agriculture Specialty Group at the Association of American Geographers Annual Meeting. Washington DC.
117. Metcalf, S.S. & M.J. Widener. 2010. S(t)imulating (S)pace: Cultivating a Postmodern Geographic (Con)science. In Complexity Specialty Group at the Association of American Geographers Annual Meeting. Washington DC.
118. Horner, M.W. & M.J. Widener. 2009. How do Socioeconomic Characteristics Interact with Equity and Efficiency Considerations? Transportation Planning for Hurricane Disaster Relief. In *Proceedings of the Transportation Research Board Annual Meeting*. Washington DC.
119. Horner, M.W. & M.J. Widener. 2009. Incorporating Uncertainty into Spatial Models for Hurricane Disaster Relief. In North American Regional Science Meeting. San Francisco, CA.
120. Widener, M.J. & R. Wilson. 2009. Exploring the Fractal Dimension of Urban and Non-urban Form In Association of American Geographers Annual Meeting. Las Vegas, NV.
121. Widener, M.J. & M.W. Horner. 2008. A Geospatial Framework for Incorporating Behavioral Response and Infrastructure Uncertainty into the Analysis of Extreme Events. In *GIScience 2008*. Park City, UT.
122. Widener, M.J. & M.W. Horner. 2008. Exploring the Transport Outcomes of Key Workers In Association of American Geographers Annual Meeting. Boston, MA.
123. McLafferty, S. & M.J. Widener. 2007. Health, Place and Ethnicity: Exploring the Ethnic Density Hypothesis for Mexican and Haitian Immigrant Women In Southeastern Division of the Association of American Geographers Annual Meeting. Charleston, SC.
124. McLafferty, S., M.J. Widener, R. Chakrabarti & S. Grady. 2007. Health, Place and Ethnicity: Exploring the Ethnic Density Hypothesis for Bangladeshi Immigrant Women In Association of American Geographers Annual Meeting. San Francisco, CA.
125. Widener, M.J. 2005. The Effects of Proximity to Parks on High School Graduation in Memphis, Tennessee In Association of American Geographers Annual Meeting. Chicago, IL.

## Invited Lectures

1. Widener, M.J. 11.12.2024. "Concrete, Clinics, and Calories: Exploring the Urban Health Connection" Invited Speaker, University of Toronto Alumni Event, Montreal QC. 60 minutes (in person)
2. Widener, M.J. 10.04.2024. "Using time geography and community engaged methods to incorporate meaning into spatial analyses of caring and healthy environments." Invited Colloquium Speaker. University of North Texas. Denton, TX. 60 minutes (in person)
3. Widener, M.J. 10.03.2024. "Mapping Diet: How time, movement, and big data are transforming the study of diet and health." Invited Colloquium Speaker, University of Texas Southwestern Medical Center. Dallas, TX. 60 minutes (in person)
4. Widener, M.J. 04.20.2023. "Health and Transportation: A Systems Approach" Invited Speaker, L'authorité régionale de transport métropolitain (ARTM). 60 minutes (virtual)
5. Widener, M.J. 10.21.2022. . "Urban Food Environment Research: How time, movement, and (sometimes) big data are transforming the study of food shopping in cities" Invited Speaker, University of Illinois at Urbana Champaign, Department of Geography and Geographic Information Science. Urbana, Illinois, USA, 60 minutes (in person)
6. Widener, M.J. 08.26.2022. "Urban Food Environment Research: How time, movement, and (sometimes) big data are transforming the study of food shopping in cities" Invited Speaker, Pontificia Universidad Católica de Chile, Instituto de Estudios Urbanos y Territoriales, Santiago 60 minutes (in person, spoken English/written Spanish)
7. Widener, M.J. 08.19.2022. "Placing Time Use Research in Geography: theoretical constructs, emerging data technologies, and a Canadian case study" Keynote Speaker, Int. Assoc. of Time Use Researchers Annual Meeting in Montreal. 30 minutes (in person)
8. Widener, M.J. 06.28.2022. "Using time use and trajectory data to unpack the interrelated geographies of food, care, and household labor" Invited Speaker, Cambridge University, MRC Epidemiology Unit. 60 minutes (in person)
9. Widener, M.J. 03.14.2022. "Urban food environment research: how time, movement, and sometimes big data are transforming the study of food shopping" Invited Speaker, University of Pennsylvania, City and Regional Planning. 60 minutes (in person)
10. Widener, M.J. 11.09.2021. "Integrating time use and GPS data to explore how people navigate their food environments" Invited Speaker, Health and Medical Geography Specialty Group of the Association of American Geographers Speaker Series. 30 minutes (virtual)
11. Widener, M.J. 11.05.2021. "Using time use and trajectory data to unpack the geography of food, care, and household labor" Invited Colloquium Speaker, State University of New York at Buffalo, Department of Geography. 60 minutes (in person)
12. Widener, M.J. 10.12.2021. "How paired time use and GPS trajectory data can be used to explore how food environments, household labor, and care trips in Toronto, ON" Invited Talk, Spatial Analytics & Data Seminar Series, sponsored by the Alan Turing Institute, Newcastle University and Bristol University, 60 minutes. (virtual)



13. Widener, M.J. 10.06.2021. "Harnessing geospatial data to understand food shopping behaviours during the pandemic" Invited Speaker, Flipp Corp, 40 minutes (virtual)
14. Widener, M.J. 09.16.2021. "Using paired time use and GPS trajectory data to explore how food environments are experienced in Toronto, ON" Invited Talk, Dalla Lana School of Public Health Faculty Seminar Series at University of Toronto. 30 minutes. (virtual)
15. Widener, M.J. 01.29.2021. "The Food Activities, Socioeconomics, Time-use, and Transportation Study: A New Approach to Food Environment Research and Preliminary Findings" Invited Colloquium Speaker, Pennsylvania State University, Department of Geography. 60 minutes. (virtual)
16. Widener, M.J. 12.26.2020. "How can AI and spatial sensing technologies improve individual- and population-level health in cities" Invited Keynote, 2nd International Workshop on Smart and Healthy Cities, INSAI Connected Global Forum at Fudan University, Shanghai, China. 30 minutes. (virtual)
17. Widener, M.J. 10.19.2020. "Connecting Urban Food Retail to Supply Chains" Invited Speaker, School of Cities Seminar on Resilience in Food and Health Systems, University of Toronto – St. George. (virtual)
18. Widener, M.J. 10.19.2020. "Making time (and space!) for dinner: how do time use and food environments impact diet and health?" Invited Speaker, Senior Common Room, University College, University of Toronto – St. George. (virtual)
19. Widener, M.J. 10.2.2020. "The Food Activities, Socioeconomics, Time-use, & Transportation Study: A New Approach to Food Environment Research and Preliminary Findings" Invited Colloquium Speaker, University of Connecticut Department of Geography. 60 minutes. (virtual)
20. Widener, M.J. 10.1.2020. "Food Environment Research and Health: are we really ready for health outcomes?" Invited Speaker, University of British Columbia, School of Community and Regional Planning, 60 minutes. (virtual)
21. Widener, M.J. 7.8.2019. "Opportunities to Improve Research on Food Behaviours using Time Geography." Shaw Lecture Series, Department of Geography, Florida State University, Tallahassee, Florida, USA, 60 minutes.
22. Widener, M.J. 7.8.2019. "Opportunities to Improve Research on Food Behaviours using Time Geography." Keynote, Presented at The Institute of Australian Geographers Health Geography Study Group Workshop, University of Melbourne, Melbourne, Australia, 60 minutes.
23. Widener, M.J. 6.2.2019. "Health and Transportation: A Systems Approach." Presented at the Aalto University Transportation Summer School, Espoo, Finland. 90 minutes.
24. Widener, M.J. 5.29.2019. "Health, Transport, and Time Use: A Systems Approach Applied to Research on Improving Diets." Research talk at Dept. of Geography, Peking University, Beijing, China. 60 minutes.

25. Widener, M.J. 11.5.2018. "How to be a health geographer." Presented to the GeoHealth Network at Dalla Lana School of Public Health. 30 minutes.
26. Widener, M.J. 10.31.2018. "The potential of spatial information in health research" Invited Keynote at the ICES Toronto Meeting "Using Geographical and Spatial Data at ICES: Opportunities and Insights" University of Toronto.
27. Widener, M.J. 5.18.2018. "Understanding the Effects of Space and Time on Health: Spatiotemporal Accessibility and GPS Trajectory Analysis." Invited/Funded Speaker, Texas State University, GIS and Health Conference.
28. Widener, M.J. 4.12.2018. "The future of geographical analysis might not be in geography." Invited panelist at "A Globe-Shaped Crystal Ball: The Next Fifty Years of Geographical Analysis III", Panel at the Annual Meeting of the Association of American Geographers (100 minute discussion with 5 other panelists, 10 minutes to M.J. Widener).
29. Widener, M.J. 11.09.2017. "Using activity space-based measures with GPS data: a case study of food purchasing behaviour in 5 Canadian cities." University of Helsinki, Department of Geography, Helsinki, Finland.
30. Widener, M.J. 11.07.2017. "Accounting for transportation when measuring space-time accessibility." Linköping University, Department of Technology and Social Change, Linköping, Sweden.
31. Widener, M.J. 10.03.2017. "Retiring the Food Desert Metaphor: Measuring Access to Healthy Food." Purdue University, Ingestive Behavior Research Center, West Lafayette, Indiana, USA.
32. Widener, M.J. 8.04.2017. "Urban food behaviors, geography, and temporal data: various approaches to understanding how the built environment and mobility impact what we eat." Universidad de Concepción, Chile.
33. Widener, M.J. 1.20.2016. Convening Participant in Robert Wood Johnson Foundation Think Tank on Using Big Data to Address Obesity in Children. University of California Berkeley, Berkeley, California, USA.
34. Widener, M.J. 1.19.2016. "Spatiotemporal and big data approaches to measuring the urban food environment" Colloquium Speaker, Nutrition Policy Institute, University of California Berkeley, Berkeley, California, USA.
35. Widener, M.J. 10.28.2015. "What can spatiotemporal analysis and models tell us about access to healthy foods?" Colloquium Speaker, McMaster University, Hamilton, Ontario, Canada.
36. Widener, M.J. 10.16.2015. "What can spatiotemporal analysis and models tell us about access to healthy foods?" Colloquium Speaker, Michigan State University, East Lansing, Michigan, USA.
37. Widener, M.J. 1.13.2015. Invited Panelist in "Transportation means Access: Can everyone get there?" at the Eleventh Annual Travel Data User Forum, Transportation Research Board Annual Meeting, Washington DC, USA.

38. Widener, M.J. 12.08.2014. "Using a Range of GIS Methodologies to Explore the Dynamics of Access to Food in Cities." Invited Talk, University of Toronto – St. George, Toronto, Ontario, Canada.
39. Widener, M.J. 11.17.2014. "Using a Range of GIS Methodologies to Explore the Dynamics of Access to Food in Cities." Invited Talk, University of Minnesota – Twin Cities, Minneapolis, Minnesota, USA.
40. Widener, M.J. 5.2.2014. "Using individual-level methods for measuring food environments." Transportation and Urban Sustainability: Transdisciplinary Workshop on Transportation and Public Health. Invited/Compensated Speaker. McGill University, Montreal, Quebec, Canada.
41. Widener, M.J. 2.21.2014. "Where (and When) are Food Deserts?: The Role of Geography and GIScience in Food Accessibility Studies." Colloquium Speaker, University of Northern Iowa, Cedar Falls, Iowa, USA.
42. Widener, M.J. 2.20.2014. "Health, Food, and Access in Cincinnati, OH." Health Workshop at Kunz Center for Social Research at the University of Cincinnati, Cincinnati, Ohio, USA.
43. Widener, M.J. 5.15.2013 & 5.17.2013. "Time, Space, and Accessibility: A Look at Urban Dynamics and Healthy Foods." International Workshop on Foundations and Challenges in Geographic Information Science. The Chinese University of Hong Kong (Hong Kong) and Sun Yate-sen University (Guangzhou, China).
44. Widener, M.J. 3.21.2013. "Time, Space, and Access to Healthy Foods." Invited Speaker, Center for Urban and Regional Analysis, Ohio State University, Columbus, Ohio, USA.
45. Widener, M.J. 11.16.2012. "Opportunities and Challenges in Simulating Spatial Social Systems: or all of my models are wrong but I hope they're useful!" Colloquium Speaker, Ohio University, Athens, Ohio, USA.

## TEACHING AND TRAINEE SUPERVISION

### Undergraduate Courses Taught

*The Power of Maps and Geographic Information (GGR 225)*

- Winter 2023
- Widener redesigned the course in 2023

*Analytical Methods (GGR 270)*

- Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019, Fall 2022, Fall 2023
- Widener had major responsibility in designing course

Introductory Computation and Data Science for the Social Sciences (GGR 274)

- Winter 2022, Winter 2023
- Widener had major responsibility in designing course, co-taught with Stats and CS

GIS for Public Health (GGR 372)

- Fall 2015, Winter 2017, Winter 2020
- Widener had major responsibility in designing course

Developing Web Maps (GGR 472)

- Winter 2016, Fall 2016, Winter 2018, Winter 2020
- Widener had major responsibility in designing course

Global Cities (at Univ. of Cincinnati)

- Spring 2015
- Widener had major responsibility in designing course

Medical and Health Geography (at Univ. of Cincinnati)

- Fall 2014
- Widener had major responsibility in designing course

Introduction to GIS (at Univ. of Cincinnati)

- Spring 2015, Fall 2013, Fall 2012
- Widener had major responsibility in designing course

Introduction to Human Geography (at Univ. of Cincinnati)

- Spring 2014, Spring 2013
- Widener had major responsibility in designing course

### Graduate Courses Taught

Advanced Quantitative Methods (JPG 1400)

- Fall 2017, Fall 2018, Fall 2019
- Widener had major responsibility in designing course

Spatial Analysis in Health and Medical Research (at Univ. of Cincinnati)

- Fall 2014
- Widener had major responsibility in designing course

### Graduate Student and Postdoctoral Fellow Supervision

Master's Students:

*MA Degrees – Thesis Track:*

- Reilley Plue, “Evaluating the role of Selective Daily Mobility Bias in Retail Food Environment Research” September 2017 – September 2020, primary supervisor, University of Toronto

- Amber DeJohn, “Transit Access to Subsidized Food Stores in the American Midwest” September 2018 – August 2019, primary supervisor, University of Toronto
- Hannah Wilkinson, “Understanding Undergraduate Food Behaviours: A Spatiotemporal and Socioeconomic Analysis” August 2017 – April 2019, primary supervisor, University of Toronto
- Yekaterina Vasilyeva, “A Geographic Investigation of a Critical Care Patient Transfer Network.” August 2016 – August 2017, primary supervisor, University of Toronto
- Nate Wessel, “Discovering the Space-Time Dimensions of Schedule Padding and Delay from GTFS and Real-Time Transit Data.” August 2013 – May 2015, primary supervisor, University of Cincinnati

*MA Degrees – Major Research Paper Track:*

- Tara Kamal Ahmadi, “A systematic review of the localities of food purchasing and consumption behaviors” September 2016 – December 2018, primary supervisor, University of Toronto

*Master of Science in Planning Degrees:*

- Emily Lengkeek, “Access and Equity: Prioritizing Cycling Connections in the Sheppard Subway Corridor.” September 2023 – May 2024, primary supervisor, University of Toronto
- Stephen Pomedli, “Roles, challenges and opportunities for supportive service delivery in social housing in Toronto.” September 2019 – May 2020, primary supervisor, University of Toronto
- Haydi Wong, “Exploring the effects of travel behaviour on self-rated stress and self-rated health in Canadian urban areas.” September 2017 – May 2018, primary supervisor, University of Toronto
- Adam Didycz, “Urban Redevelopment and Food Security: a case study of Regent Park, Toronto.” May 2017 – May 2018, primary supervisor, University of Toronto
- Louise Willard, “Exploring the role of urban municipal governments in broadband planning.” September 2016 – May 2017, primary supervisor, University of Toronto
- Lia Milito, “Contextualizing the Role of Open Data in Facilitating Civic Participation: Strategic and Operational Lessons Learned in Toronto.” September 2015 – May 2016, primary supervisor, University of Toronto

*MA Students in Progress:*

- Aisha Syed, September 2023 - Present

Doctoral Students:

- Amber DeJohn, “Aging alone, together: Older adult ICT use, health, and place during the COVID-19 pandemic” primary supervisor, University of Toronto, September 2019 – July 2023
  - Assistant Professor (tenure track) Departments of Geography and Public Health, Florida State University, Tallahassee, FL, USA
- Bochu Liu, “Time use, food environments, and health”. primary supervisor, University of Toronto, September 2018-July 2022.
  - Assistant Professor (tenure track) Department of Urban Planning, Tongji University, China.
- Daniel Schleith, “Understanding and Quantifying Spatial and Temporal Differences in Urban Form.” August 2013 – May 2017, co-primary supervisor (primary supervisor until leaving Univ. of Cincinnati in 2015), University of Cincinnati
  - Survey Statistician – U.S. Census Bureau

*PhD Students in Progress:*

- Marianne Lahaie Luna, Housing and food behaviours amongst Latinx newcomers in Toronto. September 2021 – Present, primary supervisor, University of Toronto
- Tharushe Jayaveer, Time use and caregiving in urban Canada, September 2023 – Present, primary supervisor, University of Toronto

Postdoctoral Fellows:

- Martin Holmes, PhD (Waterloo), 2024 – Present
- Chunjiang Li, PhD (Peking University), 2023 – Present
- Elnaz Yousefzadeh Barri, PhD (Istanbul Technical University), 2022 – 2023.
  - Transportation Planner, Metrolinx
- Lindsey Smith, PhD (Cambridge), 2020 – 2022.
  - Assistant Professor (tenure track) at University of Toronto – St. George

Committee Membership:

*Completed:*

- Hanlin Zhou – PhD Geography, 2024 (University of Toronto)
- Pamela Tetford – PhD Geography, 2024 (University of Toronto)
- Michelle Majeed – PhD Geography, 2023 (University of Toronto)
- Andrew Stevenson – PhD Geography, 2023 (McGill University, Montreal, Canada)
- Elysia Fuller-Thomson – MSc Geography, 2023 (University of Toronto)
- Isa Urrutia – PhD Geography, 2022 (University of Toronto)
- Tamim Faruk – MS Institute of Biomaterials and Biomedical Engineering, 2022 (University of Toronto)
- Gyoorie Kim – MA, Geography, 2022 (University of Toronto)
- Bianca Carducci – PhD Nutrition, 2022 (University of Toronto)
- Daniel Rowe – PhD Planning, 2022 (University of Toronto)
- Ali Alfsool – PhD Computer Science, 2021 (Memorial University)
- Evan Castel – PhD Planning, 2021 (University of Toronto)
- Jordan Ahroni – MS Geography, 2021 (University of Toronto)
- Shadi Maleki – PhD Geography, 2020 (Texas State University, San Marcos, USA)
- Naomi Schwartz – PhD Geography, 2020 (University of Toronto)
- Andree-Anne Fafard St-Germain – PhD Nutrition, 2019 (University of Toronto)
- Nate Wessel – PhD Planning, 2019 (University of Toronto)
- Patrick Bilas – MA Geography, April 2019 (University of Toronto)
- Austin Zwick – PhD Planning, March 2018 (University of Toronto)
- Sam Walker – PhD Geography, February 2018 (University of Toronto)
- Henrikki Tenkanen – PhD Geography, November 2017 (external reader, University of Helsinki)
- Laura Bryson – MA Geography, January 2017 (University of Toronto)
- Michele Coley – MA Geography, December 2016 (University of Toronto)
- Anna Fiume – MA Geography, September 2016 (University of Toronto)
- Lea Ravensbergen-Hodgins – MA Geography, 2016 (University of Toronto)
- Xiaoxing Qin – MA, 2013 (University of Cincinnati)
- Qiaojuan Wang – MA, 2013 (University of Cincinnati)
- Kunlei Ma – MA, 2014 (University of Cincinnati)
- Bryan Wright – PhD, 2014 (University of Cincinnati)
- Andrew Rettig – PhD, 2014 (University of Cincinnati)

*In Progress:*

- Paromita Nakshi – PhD Department of Geography and Planning, expected graduation 2026
- Majd Al-Shihabi – PhD Department of Geography and Planning, expected graduation 2026
- Luc Kortenaar – PhD Epidemiology, expected graduation 2027

Visiting Students Under My Supervision:

- Alec Davies – Visiting PhD Geography Student, March 2019, University of Liverpool
- Guangping Chen – Visiting PhD Geography Student, December 2021 – November 2022, Zhejiang University
- Jie Yang – Visiting PhD Geography Student, September 2021 – August 2022, Peking University

**Other Teaching and Supervision**

*Guest Lectures:*

2022 March – GGR 272, “Using GIS in food environment research”

2021 October – HST 306, “Urban Food Environments”

2019 March – GGR 271, “Executing a research project”

2021 November – School of Public Health Sciences, University of Waterloo, “Geography, Food Environments and Health” for Prof. S. Kirkpatrick

2021 October – HST 306H1F, “Geography, Food Environments, and Health” for Prof. L. Desouza-Kenney

*Undergraduate Student Supervisions:*

GGR 491Y1 2017-2018, Billie Owen  
2019-2020, Kelly Hui

GGR 492H1 Winter 2020, Maggie Ma

GGR 496H1 Summer 2023, Vanessa Wiltshire

GGR 497H1F Fall 2016, James Taylor

GGR 499H1S Winter 2016, Sara Urbina  
Winter 2019, Marian Mendoza  
Winter 2020, Zahra Mohamed

HST 450Y1 2023-2024, Sarah Deforest  
2021-2022, Deirdre Kelley-Adams  
2021-2022, Sahran Shafaque  
2021-2022, Julia Skalinska  
2021-2022, Lauren Wong

HST 480H1S Winter 2020, Taisa Snihura

NEW 490Y1 2022-2023, Sarah Dickson

## **INTERNAL SERVICE AND ADMINISTRATIVE ROLES**

*2023-Present*

Chair, Department of Geography and Planning

*2024-2025*

*Note: The Department Chair sits on most departmental committees*

Faculty of Arts & Science Data Science Curriculum Committee

Decanal Advisory Committee on Academic Change

Faculty of Arts & Science Faculty Appointments Committee

*2023-2024*

*Note: The Department Chair sits on most departmental committees*

Faculty of Arts & Science Data Science Curriculum Committee

Decanal Advisory Committee on Academic Change

Faculty of Arts & Science Postdoctoral Fellowship Competition Selection Committee

*2023-2024*

Director of Planning (Associate Chair, Planning)

(Co-Chair) Faculty of Arts and Science & Dalla Lana School of Public Health, Working Group on Undergraduate Public Health Curricula (until July 1, 2024)

*2021-2023*

Director of Health Studies Program, University College

*2022-2023*

Department of Geography and Planning Instructional Technology Committee

(Co-Chair) Faculty of Arts and Science & Dalla Lana School of Public Health, Working Group on Undergraduate Public Health Curricula

(Advisor) School of Cities Executive Committee

(Dean's Rep) School of Environment Faculty Search Committee

REACH Alliance, Munk School of Global Affairs and Public Policy, Faculty Mentor

Department of Geography and Planning Esri Canada Centre of Excellence Campus Director

*2021-2022*

(Moderator) Mobility Network Panel on Leading the Way to Transportation Equity

(Supervisor) Hack the Globe, School of Cities

(Dean's Rep) Department of Statistical Sciences Faculty Search Committee

(Advisor) School of Cities Executive Committee

Data Science Institute Catalyst Grant Reviewer

Department of Geography and Planning GIS Asst. Prof. Search Committee

Department of Geography and Planning Undergraduate Committee

Department of Geography and Planning Instructional Technology Committee

Department of Geography and Planning External Scholarships Committee, Human Geography and Planning I

Department of Geography and Planning Esri Canada Centre of Excellence Campus Director

(Co-Chair) Faculty of Arts and Science & Dalla Lana School of Public Health, Working Group on Undergraduate Public Health Curricula

Faculty of Arts and Science, Dean's Working Group on Health Sciences Programming

Faculty of Arts and Science, Dean's Working Group on Data Science Education

REACH Alliance, Munk School of Global Affairs and Public Policy, Faculty Mentor



University College Curriculum Committee  
(Chair) University College Neil Graham Lecture Series Committee

*2020-2021*

(On sabbatical)

Faculty of Arts and Science, Dean's Working Group on Data Science

*2019-2020*

Department of Geography and Planning Instructional Technology Committee

Department of Geography and Planning PTR Reform Subcommittee

Department of Geography and Planning CGSM SSHRC Review Committee

Department of Geography and Planning Adhoc GIS Program Committee

Department of Geography and Planning Grad Department Academic Appeals Committee, 12/03/2019

Department of Geography and Planning Graduate Professional Development Committee – co-chair

Faculty of Arts and Science, Dean's Working Group on Data Science

UofT VPI – Grant Review Panel for UofT-CNRS joint program

OVPI Delegation to SJTU, Fudan University, Peking University, and Tsinghua University, May 2019

*2018-2019*

Department of Geography and Planning Instructional Technology Committee

Department of Geography and Planning Graduate Geography Committee

Department of Geography and Planning CGSM SSHRC Review Committee

Department of Geography and Planning Adhoc GIS Program Committee

VPRI Review Committee: Special Call for UofT CRC Applicants from Federally Designated Groups

OVPI Delegation to SJTU, Fudan University, Peking University, and Tsinghua University, May 2019

*2017-2018*

Department of Geography and Planning St. George Chair Search Committee

Department of Geography and Planning Instructional Technology Committee

Department of Geography and Planning St. George Council Chair

Department of Geography and Planning St. George PTR Committee

Department of Geography and Planning Graduate Geography Committee

*2016-2017*

Department of Geography and Planning Graduate Admissions Committee

Department of Geography and Planning Instructional Technology Committee

*2015-2016*

Department of Geography and Planning Professional Development Committee

Department of Geography and Planning Instructional Technology Committee