

CURRICULUM VITAE

Lawrence Douglas Frank, Ph.D., AICP, ASLA

**Professor and Bombardier Chair in Transport & Public Health
University of British Columbia, Vancouver British Columbia**

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EDUCATION

Ph.D. of Urban Design and Planning, University of Washington, College of Architecture and Urban Planning, 1993

Masters of Science in Civil Engineering Transportation Studies, University of Washington, School of Civil Engineering, 1990

Bachelor of Landscape Architecture, University of Arizona, School of Renewable Natural Resources, 1985

EMPLOYMENT HISTORY

January 2010 – Present – Professor and Bombardier Chair, Schools of Population and Public Health and Community and Regional Planning, University of British Columbia. Director, Health and Community Design Lab, UBC.

June 2003 - December 2009 – Associate Professor and Bombardier Chair, School of Community and Regional Planning, Faculty of Graduate Studies, University of British Columbia.

2001- May 2003 – Associate Professor; City and Regional Planning Program, College of Architecture, Georgia Institute of Technology, Atlanta, Georgia.

1995-2001 – Assistant Professor, City Planning Program, College of Architecture, Georgia Institute of Technology, Atlanta, Georgia.

1997- Present – President, Urban Design 4 Health, Inc. Seattle, WA & Vancouver BC.

1993 – 1995 – Transportation Planning Specialist IV, Office of Urban Mobility – Washington State Department of Transportation, Seattle, Washington.

PROFESSIONAL RECOGNITION

Honors and Awards

Thompson and Reuters 2014 & 2015: Top 1% Globally Highly Cited Researcher within the Social Sciences

Honorary Visiting Professorship, University College London 2015-2020

Alumni of the Year, University of Arizona, July 2013.

Journal of Planning Literature Top 10 Most Cited Article Award 2013.

Social Science and Medicine Top Tier Cited Article Award 2008-April 2013.

Bombardier Chairholder in Transportation and Health, UBC 2002-Present

Non-resident Fellow of the Brookings Institution, 2007-2011

Citation Abstract Award, Society of Behavioral Medicine, March 2006.

Urban Sprawl and Public Health Top 10 Books –Planetizen, September 2005.

Outstanding Research and Scholarship Award, Georgia Tech, May, 1999.

Sustainable Site Design Award, Atlantic Steel Redevelopment, American Institute of Architects, 1999.

Award of Distinction, American Institute of Architects, 1999.

Editorial Review Boards

Journal of Transportation and Health, 2013-Present

Journal of Transportation and Land Use, 2007-2012

American Journal of Preventive Medicine, 2003-Present.

Journal of the American Planning Association, 1998-2007

RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

Google Scholar H-Index = 56 – Most Cited Works Shown at this link:

https://scholar.google.com/citations?hl=en&user=sF_AKKQAAAAJ&view_op=list_works

Editorial Services

Special Issue on the Built Environment, Transport, and Public Health. 2016. Journal of Transport and Health. **Lead Guest Editor**.

Book Chapters

Frank, L.D. “Healthy Communities,” in Independent for Life: Homes and Neighborhoods for an Aging America, ed. Henry Cisneros et al. *University of Texas Press* – 2013

Books in Print

Frank, L.D., Engelke, P.E., & Schmid, T.L. Health and Community Design: The Impacts of the Built Environment on Physical Activity. *Island Press* – Spring 2003.

Frumkin, H., **Frank, L.D.**, & Jackson, R. The Public Health Impacts of Sprawl. *Island Press* – Spring 2004.

Peer Reviewed Journal Articles – Accepted

1. Sallis, J.F., Cerin, E., Conway, T.L., Adams, M.A., **Frank, L.D.**, Pratt, M., Salvo, D., Schipperijn, J., Smith, G., Cain, K.L., Davey, R., Kerr, J., Lai, P-C., Mitas, J., Reis, R., Sarmiento, O.L., Schofield, G., Troelsen, J., Van Dyck, D., De Bourdeaudhuij, I., and Owen, N. (in press). Urban environments in 14 cities worldwide are related to physical activity. The Lancet.
2. Lachapelle, U., **Frank, L.D.**, Sallis, J.F., Saelens, B.E., and Conway, T.L. (accepted). Active transportation by transit-dependent and choice riders and potential displacement of other physical activity. Journal of Planning Education and Research.
3. White, M.N., King, A.C., Sallis, J.F., **Frank, L.D.**, Saelens, B.E., Conway, T.L., Cain, K.L., and Kerr, J. (accepted). Caregiving, transport-related, and demographic correlates of sedentary behavior in older adults: The Senior Neighborhood Quality of Life Study (SNQLS). Journal of Health and Aging.
4. Carlson, J.A., Schipperijn, J., Kerr, J., Saelens, B.E., Natarajan, L., **Frank, L.D.**, Glanz, K., Conway, T.L., Chapman, J.E., Cain, K.L., and Sallis, J.F. (accepted). Physical activity in home, school, and other locations as assessed by GPS in young adolescents. Pediatrics.
5. Lee, S., Conway, T.L., **Frank, L.D.**, Saelens, B.E., Cain, K.L., and Sallis, J.F. (accepted). The relation of perceived and objective environment attributes to neighborhood satisfaction. Environment and Behavior.
6. Esteban-Cornejo, I., Carlson, J.A., Conway, T.L., Cain, K., Saelens, B.E., **Frank, L.D.**, Glanz, K., Roman, C.G., and Sallis, J. F. (accepted). Parental and adolescent perceptions of neighborhood safety related to adolescents' physical activity in their neighborhood. Research Quarterly for Exercise and Sport.

7. Minaker, L.M., Olstad, D.L., Thompson, M.E., Raine, K.D., Fisher, P, **Frank, L.D.** (Accepted). Associations between frequency of food shopping at different store types and diet and weight outcomes: Findings from the NEWPATH study. Public Health Nutrition

Peer Reviewed Journal Articles

1. Engelberg, J.K., Carlson, J.A., Conway, T.L., Cain, K.L., Saelens, B.E., Glanz, K., **Frank, L.D.**, and Sallis, J.F. (2016). Dog walking among adolescents: Correlates and contribution to physical activity. Preventive Medicine, 82(1), 65-72.
2. **Frank, L.D.**, Ulmer, J.M., Chapman, J.D., Kershaw, S., Campbell, M. 2015. Application of an Evidence-Based Tool to Evaluate Health Impacts of Changes to the Built Environment. Canadian Journal of Public Health. 106(1), eS26-eS32.
3. Adams, M.A., Todd, M., Kurka, J., Conway, T.L., Cain, K.L., **Frank, L.D.**, Sallis, J.F. 2015. Patterns of Walkability, Transit, and Recreation Environment for Physical Activity. American Journal of Preventive Medicine 49 (6): 878–87. doi:10.1016/j.amepre.2015.05.024.
4. Kercood, S., Conway, T.L., Saelens, B.E., **Frank, L.D.**, Cain, K.L., Sallis, J.F. 2015. Parent Rules, Barriers, and Places for Youth Physical Activity Vary by Neighborhood Walkability and Income. Children, Youth and Environments 25 (1): 100–118. doi:10.7721/chilyoutenvi.25.1.0100.
5. Kneeshaw-Price, S.H., Saelens, B.E., Sallis, J.F., **Frank, L.D.**, Grembowski, D.E., Hannon, P.A., Smith, N.L., Chan, K.C.G 2015. Neighborhood Crime-Related Safety and Its Relation to Children’s Physical Activity. Journal of Urban Health 92 (3): 472–89. doi:10.1007/s11524-015-9949-0.
6. Kurka, J.M., Adams, M.A., Todd, M., Colburn, T., Sallis, J.F., Cain, K.L., Glanz, K., **Frank, L.D.**, Saelens, B.E. 2015. Patterns of Neighborhood Environment Attributes in Relation to Children’s Physical Activity. Health & Place 34: 164–70. doi:10.1016/j.healthplace.2015.05.006.
7. Giles-Corti, B., Sallis, J.F., Sugiyama, T., **Frank, L.D.**, Lowe, M., and Owen, N. (2015). Translating active living research into policy and practice: One important pathway to chronic disease prevention. Journal of Public Health Policy, 36(2), 231-243.
8. Sallis, J.F., Cain, K.L., Conway, T.L., Gavand, K., Millstein, R.A., Geremia, C.M., **Frank, L.D.**, Saelens, B.E., Glanz, K., and King, A.C. (2015). Is your neighborhood designed to support physical activity? A brief streetscape audit tool. Preventing Chronic Disease, 12:150098. Posted online September 3, 2015.

9. Adams, M.A., **Frank, L.D.**, Schipperijn, J., Smith, G., Chapman, J., Christiansen, L.B., Coffee, N., Salvo, D., du Toit, L., Dygrýn, J., Hino, A.A.F., Lai, P.C., Mavoaa, S., Pinzón, J.D., Van de Weghe, N., Cerin, E., Davey, R., Macfarlane, D., Owen, N., Sallis, J.F. 2014. International variation in neighborhood walkability, transit, and recreation environments using geographic information systems: the IPEN adult study. International Journal of Health Geographics. 13(43).
10. **Frank, L.D.**, Chapman, J., Kershaw, S., Campbell, M., & Swinkels, H. 2015. The Unmet Demand for Walkability: Disparities between Preferences and Actual Choices for Residential Environments in Toronto and Vancouver. Canadian Journal of Public Health. 106(1), eS12-eS20.
11. Carlson, J.A., Saelens, B.E., Kerr, J., Schipperijn J., Conway, T.L., **Frank, L.D.**, Chapman, J.E., Glanz, K., Cain, K.L., & Sallis, J.F. 2015. Association between neighborhood walkability and GPS-measured walking, bicycling and vehicle time in adolescents. Health & Place. 32, 1-7.
12. Minaker, L.M., Raine, K.D., Fisher, P., Thompson, M.E., Van Loon, J., & **Frank, L.D.** 2014. Food Purchasing From Farmers' Markets and Community-Supported Agriculture Is Associated With Reduced Weight and Better Diets in a Population-Based Sample. Journal of Hunger & Environmental Nutrition. 9(4), 485-497.
13. Ding, D., Sallis, J.F., Norman, G.J., **Frank, L.D.**, Saelens, B.E., Kerr, J., Conway, T.L., Cain, K., Hovell, M.F., Hofstetter, C.R., and King, A.C. (2014). Neighborhood environment and physical activity among older adults: Do the relationships differ by driving status? Journal of Aging and Physical Activity, 22, 421-431.
14. Carlson, J.A., Bracy, N.L., Sallis, J.F., Millstein, R.A., Kerr, J., Saelens, B.E., Kerr, J., Conway, T.L., **Frank, L.D.**, Cain, K.L., and King, A. (2014). Sociodemographic moderators of relations of neighborhood safety to physical activity. Medicine and Science in Sports & Exercise, 46(8), 1554-1564.
15. Adams, M.A., **Frank, L.D.**, Schipperijn, J., Smith, G., Chapman, J., Christiansen, L.B., Coffee, N., Salvo, D., du Toit, L., Jan Dygrýn, J., Hino, A.A.F., Lai, P-C., Mavoaa, S., Pinzón, J.D., Van de Weghe, N., Cerin, E., Davey, R., Macfarlane, D., Owen, N., and Sallis, J.F. (2014). International variation in neighborhood walkability, transit, and recreation environments using Geographic Information Systems: The IPEN Adult Study. International Journal of Health Geographics, 13:43. doi: 10.1186/1476-072X-13-43.
16. Hystad, P., Davies, H.W., **Frank, L.D.**, Van Loon, J., Gehring, U., Tamburic, L., & Brauer, B. 2014. Residential Greenness and Birth Outcomes: Evaluating the Influence of Spatially Correlated Built-Environment Factors. Environmental Health Perspectives. 122 (10), 1095-1102.

17. Cain, K.L., Millstein, R.A., Sallis, J.F., Conway, T.L., Gavand, K.A., **Frank, L.D.**, Saelens, B.E., Geremia, C.M., Chapman, J., Adams, M.A., Glanz, K., & King, A.C. 2014. Contribution of streetscape audits to explanation of physical activity in four age groups based on the Microscale Audit of Pedestrian Streetscapes (MAPS). Social Science & Medicine. 116, 82-92.
18. Tandon, P., Grow, H.M., Couch, S., Glanz, K., Sallis, J.F., **Frank, L.D.**, & Saelens, B.E. 2014. Physical and Social Home Environment in Relation to Children's Overall and Home-Based Physical Activity and Sedentary Time. Preventive Medicine. 66, 39-44.
19. Van Loon, J., **Frank, L.D.**, Nettlefold, L., & Naylor, P.J. March 2014. Youth Physical activity and the Neighbourhood Environment: Examining Correlates and the Role of Neighbourhood Definition. Social Science & Medicine. 104, 107-115.
20. Carlson, J.A., Sallis, J.F., Conway, T.L., **Frank, L.D.**, Kerr, J., Cain, K., & Saelens, B.E. 2014. Built Environment Characteristics And Parent Active Transportation Are Associated With Active Travel To School In Youth Age 12-15. British Journal of Sports Medicine.
21. Bracy, N.L., Millstein, R.A., Carlson, J.A., Conway, T.L., Sallis, J.F., Saelens, B.E., Kerr, J., Cain, K.L., **Frank, L.D.**, & King, A.C. 2014. Is The Relationship Between The Built Environment And Physical Activity Moderated By Perceptions Of Crime And Safety? International Journal of Behavioral Nutrition and Physical Activity.
22. Minaker, L.M., Raine, K.D., Wild, C.W., Nykiforuk, C.I.J., Thompson, M.E., & **Frank, L.D.** 2014. Construct Validation of 4 Food-Environment Assessment Methods: Adapting a Multitrait-Multimethod Matrix Approach for Environmental Measures. American Journal of Epidemiology. 179 (4), 519-528.
23. Sallis JF, Conway TL, Dillon LI, **Frank, L.D.**, Adams MA, Cain KL, Saelens Be. November 2013. Environmental and Demographic Correlates of Bicycling. Preventative Medicine. 57(5), 456-460.
24. Kneeshaw-Price, S, Saelens, BE, Sallis, JF, Glanz, K, **Frank, L.D.**, Kerr, J, Haskell, WL, Hannon, PA, Grembowksi, DE, Chan, KCG, Cain, KL. August 2013. Children's Objective Physical Activity by Location: Why the Neighborhood Matters. Pediatric Exercise Science. 25(3), 468-486.
25. French, S, Wood, L, Foster, SA, Giles-Corti, B, **Frank, L.D.**, Learnihan, V. Sense of Community and Its Association With the Neighborhood Built Environment. 2013. Environment and Behavior. 70(9), 1381-1390.
26. Kerr, J., Sallis, J.F., Owen, N., De Bourdeaudhuij, I., Cerin, E., Sugiyama, T., Reis,

- R., Sarmiento, O., Frömel, K., Mitás, J., Troelsen, J., Christiansen, L.B., Macfarlane, D., Salvo, D., Schofield, G., Badland, H., Guillen-Grima, F., Aguinage-Ontoso, I., Davey, R., Bauman, A., Saelens, B., Riddoch, C., Ainsworth, B., Pratt, M., Schmidt, T., **Frank, L.D.**, Adams, M., Conway, T., Cain, K., Van Dyck, D., & Bracy, N. Advancing science and policy through a coordinated international study of physical activity and built environments: IPEN adult methods. May 2013. Journal of physical activity & health. 10(4), 581-601.
27. Millstein, RA, Cain, KL, Sallis, JF, Conway, TL, Geremia, C, **Frank, L.D.**, Chapman, J, Van Dyck, D, Dipzinski, LR, Kerr, J, Glanz, K, Saelens, BE. April 2013. Development, Scoring, And Reliability Of The Microscale Audit Of Pedestrian Streetscapes (MAPS). BMC Public Health. 13(403).
28. Norman, GJ, Carlson, JA, O'Mara, S, Sallis, JF, Patrick, K, **Frank, L.D.**, Godbole, SV. 2013. Neighborhood Preference, Walkability and Walking In Overweight/Obese Men. American Journal of Health Behavior. 37(2), 277-282.
29. De Bourdeaudhuij, I, Owen, N, Sallis, JF, Conway, TL, Van Dyck, D, Cardon, G, Saelens, BE, Kerr, J, Cerin, E, **Frank, LD**. 2013. Perceived Neighborhood Environmental Attributes Associated With Adults' Leisure-Time Physical Activity: Findings From Belgium, Australia And The USA. Health & Place. 19, 59-68.
30. Becerra, JM, Reis, RS, **Frank, LD**, Ramirez-Marrero, FA, Welle, B, Cordero, EA, Paz, FM, Crespo, C, Dujon, V, Jacoby, E, Dill, J, Weigand, L, Padin, C. 2013. Transport and health: An inside looks at three Latin American cities. Cadernos de Saúde Pública, 29(4), 654-666.
31. L.M. Minaker, Raine, KD., Wild, TC, Nykiforuk, CIJ, Thompson, ME, **Frank, LD**. (2013). Objective food environments and health outcomes. *American Journal of Preventive Medicine*, 45(3): 289-296
32. Ding, D, Sallis, JF, Conway, TL, Saelens, BE, **Frank, LD**, Cain, KL, Slymen, DJ. 2012. Interactive Effects Of Built Environment And Psychosocial Attributes On Physical Activity: A Test Of Ecological Models. Annals of Behavioral Medicine. 44(3), 365-374.
33. Kozo, J, Sallis, JF, Conway, TL, Kerr, J, Cain, K, Saelens, BE, **Frank, LD**, Owen, N. 2012. Sedentary Behaviors Of Adults In Relation To Neighborhood Walkability And Income. Health Psychology. 31(6), 704-713.
34. Adams, MA, Sallis, JF, Conway, TL, **Frank, LD**, Saelens, BE, Kerr, J, Cain, KL, King, AC. 2012. Neighborhood Environment Profiles For Physical Activity Among Older Adults. American Journal of Health Behavior. 36(6), 757-769.

35. Kerr, J, Norman, GJ, Adams, MA, Ryan, S, **Frank, LD**, Sallis, J, Calfas, KJ, Patrick, K. 2012. Neighborhood Environments Moderate The Effect Of Physical Activity Lifestyle Interventions In Adults? Health & Place. 16(5), 903-908.
36. Candelaria, JI, Sallis, JF, Conway, TL, Saelens, BE, **Frank, LD**, Slymen, DJ. 2012. Differences In Physical Activity Among Adults In Households With And Without Children. Journal of Physical Activity & Health. 9(7), 985-995.
37. Kerr, J, Sallis, JF, Saelens, BE, Cain, KL, Conway, TL, **Frank, LD**, King, AC. 2012. Outdoor Physical Activity and Self-Rated Health In Older Adults Living In Two Regions Of The U.S. International Journal of Behavioral Nutrition and Physical Activity. 9, pp. 89.
38. Tandon, PS, Zhou, C, Sallis, JF, Cain, KL, **Frank, LD**, Saelens, BE. 2012. Home Environment Relationships with Children's Physical Activity, Sedentary Time, And Screen Time By Socioeconomic Status. International Journal of Behavioral Nutrition and Physical Activity. 9, pp. 88.
39. Kerr, J, **Frank, LD**, Sallis, JF, Saelens, B, Glanz, K, Chapman, J. 2012. Predictors Of Trips To Food Destinations. International Journal of Behavioral Nutrition and Physical Activity. 9, pp. 58.
40. Van Dyck, D, Cerin, E, Conway, TL, De Bourdeaudhuij, I, Owen, N, Kerr, J, Cardon, G, **Frank, LD**, Saelens, BE, Sallis, JF. 2012. Associations between Perceived Neighborhood Environmental Attributes And Adults' Sedentary Behavior: Findings From The U.S.A., Australia And Belgium. Social Science & Medicine. 74(9), 1375-1384.
41. Saelens, BE, Sallis, JF, **Frank, LD**, Couch, SC, Zhou, C, Colburn, T, Cain, KL, Chapman, J, Glanz, K. 2012. Obesogenic Neighborhood Environments, Child and Parent Obesity: The Neighborhood Impact On Kids Study. American Journal of Preventive Medicine. 42(5), e57-e64.
42. **Frank, LD**, Saelens, BE, Chapman, JF, Sallis, J, Kerr, J, Glanz, K, Couch, SC, Learnihan, V, Zhou, C, Colburn, T, Cain, K. 2012. Objective Assessment Of Obesogenic Environments In Youth: GIS Methods And Spatial Findings From The Neighborhood Impact On Kids (NIK) Study. American Journal of Preventive Medicine. 42(5), e47-e55.
43. Saelens, B, Sallis, J, **Frank, LD**, Cain, K, Conway, T, Chapman, J, Slymen, D, Kerr, J. 2012. Neighborhood Environment and Psychosocial Correlates of Adults' Physical Activity. Medicine and Science in Sports and Exercise. 44(4), 637-646.
44. Hekler, EB, Buman, MP, Haskell, WL, Conway, TL, Cain, KL, Sallis, JF, Saelens, BE, **Frank, LD**, Kerr, J, King, AC. 2012. Reliability and Validity of CHAMPS Self-

Reported Sedentary-To-Vigorous Intensity Physical Activity In Older Adults. Journal of Physical Activity & Health. 9(2), 225-236.

45. Carlson, J, Sallis, J, Conway, T, Saelens, B, **Frank, LD**, Kerr, J, Cain, K, King A. 2012. Interactions between Psychosocial and Built Environment Factors in Explaining Older Adults' Physical Activity. Preventive Medicine. 54(1), 68-73.
46. Crespo, NC., Sallis, JF, Conway, T, Saelens, B, **Frank, LD**. 2012. Worksite Physical Activity Policies and Environments and Employee Activity Levels. American Journal of Health Promotion, 25(4), 264-271.
47. L.M. Minaker, Fisher, P, Raine, K, **Frank, LD** (2011). Measuring the food retail environment: from theory to planning practice. *Journal of Agriculture, Food Systems, and Community Development*, 2(1): 65-82.
48. Kerr, J, Carlson, JA, Sallis, JF, Rosenberg, D, Leak, CR, Saelens, BE, Chapman, JE, **Frank, LD**, Cain KL, Conway TL, & King, AC. 2011. Assessing Health-Related Resources In Senior Living Residences. Journal of Aging Studies. 25, pp. 206-214.
49. Crespo, N.C., Sallis, J.F., Conway, T.L., Saelens, B.E., and **Frank, L.D.** (2011). Worksite physical activity policies and environments in relation to employee physical activity. American Journal of Health Promotion, 25, 264-271.
50. Ewing, R, Greenwald, M, Zhang, M, Walters, J, Feldman, M, Cervero, R, **Frank, L.D.**, Thomas, J. 2011. Traffic Generated by Mixed-Use Developments – A Six-Region Study Using Consistent Built Environmental Measures. Journal of the Urban Planning and Development. 137(3), 248-262.
51. Sallis, JF, Slymen, DJ, Conway, TL, **Frank, LD**, Saelens, BE, Cain, K, Chapman, J. (2011). Income Disparities in Perceived Neighborhood Built and Social Environment Attributes. Health and Place. 17(6), 1274-1283.
52. King, A, Sallis, J, **Frank, LD**, Saelens, BE, Cain, K, Conway, T, Chapman, J, Ahn, D, Kerr, J. 2011. Aging in Neighborhoods Differing in Walkability and Income: Associations with Physical Activity and Obesity in Older Adults. Social Science & Medicine. 73(10), 1525-1533.
53. Adams, MA, Sallis, JF, Kerr, J, Conway, TL, Saelens, BE, **Frank, LD**, Norman, GJ, Cain, KL. 2011. Neighborhood Environment Profiles Related to Physical Activity and Weight Status: A Latent Profile Analysis. Preventive Medicine. 52(5), 326-331.
54. VanLoon, J, **Frank, L.D.** 2011. Urban Form Relationships with Physical Activity Patterns of Children: Research to-date and Implications for Future Research and Practice. Journal of Planning Literature. 26(3), 280-308.

55. Cerin, E, **Frank, LD**, Sallis, JF, Saelens, BE, Conway, TL, Chapman, JE, Glanz, K. 2011. From Neighborhood Design and Food Options to Residents' Weight Status. Appetite. 56(3), 693-703.
56. Lachapelle, U, **Frank, LD**, Saelens, BE, Sallis, JF, Conway, TL, 2011. Commuting by Public Transit and Physical Activity: Where You Live, Where You Work, and How You Get There. Journal of Physical Activity and Health. 8(Suppl 1), S72-S82.
57. Buman, M, Hekler, E, Haskell, W, Pruitt, L, Conway, T, Cain, K, Sallis, J, Saelens, B, **Frank, LD**, King, A. 2010. Evaluating Physical Activity Intensity Threshold Associations with Rated Health and Well-Being in Older Adults. American Journal of Epidemiology. 172(10),1155-65.
58. Carnoske, C., Hoehner, C., Ruthmann, N., **Frank, LD.**, Handy, S., Hill, J., Ryan, S., Sallis, J., Glanz, K., and Brownson, R. (2010). Developer and realtor perspectives on the factors that influence development, sales, and perceived demand for activity-friendly communities. Journal of Physical Activity and Health, 7(Suppl 1), S48-S59. PMID:PMC3718394.
59. Kerr, J., Norman, G.J., Adams, M.A., Ryan, S., **Frank, L.D.**, Sallis, J.F., Calfas, K., and Patrick, K. (2010). Do neighbourhood environments moderate the effect of physical activity lifestyle interventions in adults? Health and Place, 16, 903-908. PMID: PMC2918657.
60. Rovniak, LS, Sallis, JF, Saelens, BE, **Frank, LD**, Marshall, SJ, Norman, GJ, Conway, TL, Cain, KL, and Hovell, MF. 2010. Adults' Physical Activity Patterns Across Life Domains: Cluster Analysis With Replication. Health Psychology. 29, pp. 496-506.
61. **Frank, L.D.**, McKay, H. 2010. Time to Walk the Talk: Embracing the Built Environment to Promote Physical Mobility. British Journal of Sports Medicine. 44(9), 615.
62. Buman MP, Hekler EB, Haskell WL, Pruitt L, Conway TL, Cain K, Sallis JF, Saelens BE, **Frank LD**, King AC. (2010) Objective Light Intensity Physical Activity Associations with Rated Health in Older Adults, American Journal of Epidemiology. 172(10), 1155-1165.
63. Miles, R, Song, Y, **Frank, L.D.**. 2010. Social Diversity and Construction Era of Neighborhoods with Traditional Design Features: Portland and Atlanta compared. Journal of Urbanism. 3(1), 19-38.

64. Wood, L, **Frank, L.D.**, Giles-Corti, B, 2010. Sense of Community and its Relationship With Walking And Neighbourhood Design. Social Science and Medicine. 70(9), 1381-1390.
65. Ruthmann N, **Frank, L.D.**, Handy, S, Hill, J, Ryan S, Sallis, J, Glanz K, Brownson, R. 2010. Developer and Realtor Perspectives on Factors That Influence Development, Sale, and Perceived Demand For Activity-Friendly Communities. Journal of Physical Activity and Health, 7(Suppl 1), S48-59.
66. **Frank, L.D.**, Rosenberg, D, King, A, Kerr, J. 2010. Physical Activity and Obesity Relationships with Community Design in Older Americans. Journal of Health Policy.
67. **Frank, L.D.**, Greenwald, M, Kavage, S, Winkelman, S, Chapman, J. 2010. “Carbonless Footprints: Promoting Health and Climate Stabilization through Active Transportation.” Preventive Medicine. 50, S99-S105.
68. **Frank, L.D.**, Kavage, S. 2010. A National Plan for Physical Activity: The Enabling Role of the Built Environment. Journal of Physical Activity and Health. 6(Suppl 2): S186-95.
69. **Frank, L.D.**, Sallis, J, Saelens, B, Leary, L, Cain, K, Conway, T, Hess, P. 2010. The Development of a Walkability Index: Application to the Neighborhood Quality of Life Study. British Journal of Sports Medicine. 44, pp. 924-933.
70. Marshall JD, Brauer, M, **Frank, LD**. 2009. Healthy Neighborhoods: Walkability and Air Pollution, Environmental Health Perspectives. 117, 1752-1759.
71. Adams, MA, Ryan, S, Kerr, J, Sallis, J, Patrick, K, **Frank, L**, Norman, G. 2009. Validation of the Neighborhood Environment Walkability Survey (NEWS) Items. Journal of Physical Activity & Health. 6 (Suppl 1), S113–S123.
72. Cerin, E., Conway, T, Saelens, B, **Frank, L**, Sallis, J. 2009. Cross-validation of the factorial structure of the Neighborhood Environment Walkability Scale (NEWS) and its abbreviated form (NEWS-A). International Journal of Behavioral Nutrition and Physical Activity 6(32).
73. Story, M, Giles-Corti, B, Yaroch, A, Cummins, S, **Frank, L**, Huang, T, Lewis, L. 2009. Future Directions for Measures of the Food and Built Environments. American Journal of Preventive Medicine. 4 (Suppl1), S182-S188.
74. Ryan, S, **Frank LD**. 2009. Pedestrian Environments and Transit Ridership. Journal of Public Transportation, 12(1), 39-58.

75. Sallis, JF, Saelens, BE, **Frank, LD**, Conway, T, Slymen, D, Cain, K, Chapman, J, Kerr, J. 2009. Neighborhood Built Environment and Income: Examining Multiple Health Outcomes. Social Science and Medicine. 68(7), 1285-1293.
76. Lachapelle, U, **Frank, L.D.**. 2009. Transit and Health: Mode Of Transport, Employer-Sponsored Public Transit Pass Programs, and Physical Activity. Journal of Public Health Policy. 30, S73-S94.
77. Lee, Y, Washington, S, **Frank, L**, 2009. Examination of Relationships between Urban Form, Household Activities, and Time Allocation in the Atlanta Metropolitan Region. Transportation Research - Part A. 43(4), 360-373.
78. **Frank LD**, Kerr J, Saelens B, Sallis J, Glanz K, Chapman J. 2009. Food Outlet Visits, Physical Activity, and Body Weight: Variations by Gender and Race-Ethnicity. British Journal of Sports Medicine. 43, 124-131.
79. Shigematsu, R, Sallis, J, King, A, Conway, T, Saelens, B, **Frank, L**, Cain, K, Chapman, J. 2009. Age Differences in the Relation of Perceived Neighborhood Environment to Walking for Transportation and Leisure. Medicine & Science in Sports & Exercise, 41(2), 314-321.
80. **Frank LD**, Kerr J, Miles R, Sallis JF. 2008. A Hierarchy of Sociodemographic and Environmental Correlates of Walking & Obesity. Preventive Medicine. 47(2), 172-178.
81. **Frank LD**, Kavage, S. 2008. Urban Planning and Public Health: A Story of Separation and Reconnection. Journal of Public Health Management and Practice. 14(3), 214-220.
82. Coleman, K, Rosenberg, D, Conway, T, Sallis, J, Saelens B, **Frank, L.D.**, Cain, K. Submitted December 2007. Physical Activity, Weight Status, and Neighborhood Characteristics of Dog Walkers. Preventive Medicine. 47(3), 309-312.
83. Dumbaugh, E, **Frank, L** . 2007. "Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence." Transportation Research Record. 2009,pp.89-97.
84. Abercrombie LC, Sallis JF, Conway TL, **Frank LD**, Saelens BE, Chapman JE. 2007. "Income and Racial Disparities in Access to Public Parks and Private Recreation Facilities." American Journal of Preventive Medicine. 34(1), 9-15.
85. Owen N, Cerin E, Leslie E, DuToit L, Coffee N, **Frank LD**, Bauman A, Hugo GB Saelens B, Sallis J. 2007. Neighborhood Walkability and the Walking Behavior of Australian Adults. American Journal of Preventive Medicine. 33(5), 387-395.

86. **Frank LD**, Bradley M, Kavage S, Chapman J, Lawton K. 2007. "Urban Form, Travel Time, and Cost Relationships with Work and Non-Work Tour Complexity and Mode Choice." Transportation. 35(1), 37-54.
87. Cerin E, Leslie E, DuToit K, Owen N, **Frank LD**. 2007. Destinations that matter: Associations with walking for transport. Health & Place. 13, pp. 713–724.
88. **Frank LD**, Kerr J, Sallis J. 2007. Urban Form Relationships with Walk Trip Frequency and Distance among Youth. American Journal of Health Promotion. 21(I4 Suppl), 305.
89. **Frank LD**, Saelens B, Powell KE, Chapman J. 2007. Stepping Towards Causation: Do Built Environments or Individual Preferences Explain Walking, Driving, and Obesity? Social Science and Medicine. 65 (9), 1898-1914.
90. **Frank LD**, Glanz K, Sallis J, Saelens B, Chapman J, McCarren M. 2007. The Spatial Distribution of Food Outlet Type and Quality around Schools in Differing Built Environment and Demographic Contexts. Berkeley Planning Journal. 19, pp. 31-47.
91. Glanz K, Saelens BE, Sallis JF, **Frank LD**. 2007. Nutrition Environment Measures Survey in Stores (NEMS-S): Development and Evaluation. American Journal of Preventive Medicine. 32(4), 282-289.
92. Kerr J, **Frank LD**, Sallis J, Chapman J. 2007. Urban Form Correlates of Pedestrian Travel in Youth: Differences by Gender, Race-ethnicity and Household Attributes. Transportation Research Part D. 12(3), 177-182.
93. Kligerman M, Sallis J, Ryan S, **Frank LD**, Nader. 2007. Association of Neighborhood Design and Recreational Environment Variables with Physical Activity and Body Mass Index in Adolescents. American Journal of Health Promotion. 21(4), 274–277.
94. Leslie E, **Frank LD**, Owen N, Bauman A, Coffee N, Hugo G. 2007. Walkability of Local Communities: Using Geographic Information Systems to Objectively Assess Relevant Environmental Attributes. Health and Place. 13(1), 111-122.
95. Levine J, **Frank LD**. 2007. Transportation and Land-Use Preferences and Residents' Neighborhood Choices: The Sufficiency of "Smart Growth" in the Atlanta Region. Transportation. 34(2), 255-274.
96. Saelens BE, Glanz K, Sallis JF, **Frank LD**. 2007. Nutrition Environment Measures Survey in Restaurants (NEMS-R): Development and Evaluation. American Journal of Preventive Medicine. 32(4), 273-281.

97. Cerin E, Saelens BE, Sallis JF, and **Frank LD**. 2006. Neighborhood Environment Walkability Scale: Validity And Development Of A Short Form. Medicine and Science in Sports and Exercise 38, pp. 1682-1691.
98. **Frank LD**, Sallis JF, Conway T, Chapman J, Saelens B, Bachman W. 2006. Many Pathways from Land Use to Health: Walkability Associations with Active Transportation, Body Mass Index, and Air Quality. Journal of the American Planning Association.72: pp. 75-87.
99. Kerr J, Rosenberg D, Sallis JF, Saelens BE, **Frank LD**, and Conway TL. 2006. Active Commuting To School: Associations With Built Environment And Parental Concerns. Medicine and Science in Sports and Exercise. 38(4), 787-794.
100. Saelens BE, **Frank LD**, Auffrey C, Whitaker, R, Burdette, H, and Colabianchi, N. 2006. Measuring Physical Environments Of Parks And Playgrounds: EAPRS Instrument Development And Inter-Rater Reliability. Journal of Physical Activity & Health. 2 (Sup.1), 190-208.
101. **Frank LD**, Engelke PE. 2005. Multiple Impacts of the Built Environment On Public Health: Walkable Places And the Exposure To Air Pollution. International Regional Science Review. 28(2), 193–216.
102. **Frank LD**, Schmid TL, Sallis JF, Chapman JE, Saelens BE. 2005. Linking Objective Physical Activity Data with Objective Measures of Urban Form. American Journal of Preventive Medicine. 28(Suppl2), 117-125.
103. Glanz K, Sallis JF, Saelens BE, **Frank LD**. 2005. Healthy Nutrition Environments: Concepts and Measures. American Journal of Health Promotion. 19, pp. 330-333.
104. **Frank LD**. 2004. Public Health and the Built Environment, Emerging Evidence and Complexity. Canadian Journal of Dietetic Practice and Research. 65(2), (Insert).
105. **Frank LD**, Andresen M, Schmid TL, 2004. Obesity Relationships With Community Design, Physical Activity, and Time Spent in Cars. American Journal of Preventive Medicine. 27(2), 87-96.
106. **Frank, L.D.**. 2004. Economic Determinants of Urban Form: Resulting Trade-offs Between Active and Sedentary Forms of Travel American Journal of Preventive Medicine. 27(3S), 146-153.
107. Pratt M, Macera CA, Sallis JF, O'Donnell, M, **Frank, L.D.**. 2004. Economic interventions to Promote Physical Activity: Application of the SLOTH Model. American Journal of Preventive Medicine. 27 (3S), 136-145.

108. Sallis JF, **Frank LD**, Saelens BE, and Kraft MK. 2004. Active Transportation and Physical Activity: Opportunities for Collaboration on Transportation and Public Health Research. Transportation Research Part A: Policy and Practice. 38, pp. 249-268.
109. Leslie E, Saelens BE, **Frank L**, Owen N, Bauman A, Coffee N, Hugo G. 2004. Residents' Perceptions of Walkability Attributes in Objectively Different Neighbourhoods: A Pilot Study. Health & Place. 11, 227-236.
110. Saelens BE, Sallis JF; **Frank LD**. 2003. Environmental Correlates of Walking and Cycling: How Findings from Transportation, Urban Design, and City Planning Literature Can Inform Physical Activity Research. Annals of Behavioral Medicine. 24(3), 80-91.
111. **Frank LD**, Engelke PE. 2001. The Built Environment and Human Activity Patterns: Exploring the Impacts of Urban Form on Public Health. Journal of Planning Literature. 16(2), 202-18.
112. **Frank LD**. 2001. Transportation, Air Quality, and Thinking Big. TR News. 213 (March-April): pp. 35-7.
113. Booth S, Sallis J, Ritenbaugh C Hill J, Birch L, **Frank LD**, Glanz K, Himmelgreen D, Mudd M, Popkin B, Pickard, K, Satchiko SJ, Hays, N. 2001. How and Why do Environmental and Societal Factors Affect Food and Physical Activity Choices? Nutrition Reviews. 59(3), 21-39.
114. **Frank LD**. 2000. Land Use and Transportation Interaction: Implications on Public Health and Quality of Life. Journal of Planning, Education, and Research. 20(1), 6-22.
115. **Frank LD**, Stone B, Bachman B. 2000. Linking Land Use with Household Vehicle Emissions in the Central Puget Sound: Methodological Framework and Findings. Transportation Research Part D. 5(3), 173-96.
116. **Frank LD**, Smith M, Matthews E. 1999. Assessing Transit Station Area Redevelopment: The Case of Lindbergh Station in Atlanta. Journal of Public Transportation. 2(3).
117. **Frank LD**, Dunphy, R. 1998. Smart Growth and Transportation. Urban Land. (May 1998): pp. 58-63.
118. **Frank LD**. 1998. Improving Air Quality through Growth Management and Travel Reduction Strategies. Journal of Urban Planning and Development. 124(1), 11-32.

- 119. Frank LD.** Pivo G. 1995. Impacts of Mixed Use and Density on Utilization of Three Modes of Travel: Single-occupant Vehicle, Transit, and Walking. Transportation Research Record. 1466, pp. 44-52.
- 120. Rutherford G. Frank, L.D.** and Tull A. 1991. The Development of Private Services at Park and Ride Lots in the Central Puget Sound. Transportation Research Record. 1308, pp. 101-111.

FUNDING

Role	Start Date	End Date	Funding Amount	Funding Source	Project Title
PI	2015	2016	\$150,000.00	South California Association of Governments	Economic Assessment of Heath Care Cost Savings of Bike Infrastructure
PI	2014	2016	\$289,323	Canadian Institute for Health Research	Evaluating Causal Relationships between Built Environment Characteristics, Health Care Utilization Patterns, and Costs in British Columbia
CO-PI	2014	2018	\$2,500,000	National Institutes of Health, National Cancer Institute	Longitudinal Assessment of Health Impacts and Costs of the Portland - Milwaukee Light Rail Extension
PI	2013	2014	\$25,000	Canadian Longitudinal Study of Aging and Canadian Institute for Health Research	Leveraging The 50,000 person Canadian Longitudinal Study on Aging to Evaluate Causal Built Environmental Impacts on Aging
PI	2012	2015	\$160,000	City of Vancouver	Health Impacts of the Comox Corridor Greenway
PI	2012	2012	\$43,000.00	Region of Waterloo	Modeling Non-Motorized Travel Relationships with Neighborhood Design

PI	2012	2012	\$72,000.00	City of Vancouver	Predicting Active Travel Demand
CO-PI	2011	2014	\$2,500,000	National Institute for Health (R-01)	IPEN: International Physical Activity Environment Network (Adolescent)
CO-PI	2011	2014	\$2,500,000	National Heart, Lung and Blood Institute (R-01)	Seniors Neighborhood Quality of Life Study – Follow Up
PI	2011	2012	\$37,204	Translink	Integrating Health into Transportation Planning in the Metro Vancouver Region
PI	2011	2013	\$507,665.00	Centers for Disease Control (San Diego Association of Governments)	Healthy Communities Assessment Tool
PI	2010	2015	\$600,000.00	Heart and Stroke Foundation and Canadian Institute for Health Research	Movers Study – Evaluating Changes in Travel, CO2, Diet, Energy use, and Physical Activity for Movers into Concorde Pacific Developments
CO-PI	2010	2013	\$1,500,000.00	Canada Institute for Health Research	Health Aging Impacts of the Built on Quality of Life in Older Canadians
PI	2010	2012	\$10,000.00	Interior Health	Health Impact Assessment Tool Update
PI	2010	2012	\$415,000.00	City of Toronto	CLASP Evidence Based Tool and Residential Preference Survey
PI	2010	2011	\$140,000.00	Washington State Department of Transportation	Impact Vehicle Miles Traveled Through Coordinated Transportation Investments
PI	2010	2011	\$300,000.00	Robert Wood Johnson Foundation	Validating Walkscore
PI	2010	2010	\$20,000.00	Bombardier and City of Vancouver	Vancouver Street Car Event: A Desire Named Street Car

Investigator	2009	2014	\$100,000.00	Social Sciences and Humanities Research Council of Canada (SSHRC)	Climate Justice: Paths to an Equitable and Sustainable BC Economy
PI	2009	2012	\$750,000.00	Heart and Stroke Foundation, Region of Waterloo, CIHR	NEWPATH Waterloo Project - Relationships between Neighborhood Form, Transportation Investment and Obesity
PI	2009	2011	\$280,000.00	Region of PEEL, Canada	PEEL Region Health Assessment Tool
PI	2009	2010	\$48,000.00	Century Group Lands Corporation	Transportation Demand Management Plan
PI	2009	2010	\$20,000.00	BC Real Estate Foundation	An Assessment of Travel and Activity Patterns Before and After Moving
CO-PI	2008	2009	2,500,000.00	National Institute of Health, National Heart, Lung, Blood Institute (R-01)	Neighborhood Impact on Physical Activity in At-Risk Older Adults
Investigator	2007	2011	\$84,766.00	National Institute of Health, National Cancer Institute	IPEN: International Study of Built Environment, Physical Activity, and Obesity
CO-PI	2007	2011	2,500,000.00	National Institute of Health, National Heart, Lung, Blood Institute (R-01)	Ecological Analysis of Activity, Eating & Weight in Adolescents
Investigator	2007	2010	\$40,000.00	US Department of Agriculture	Built Environment and Nutrition in Kids (BEATNIK)
PI	2007	2009	\$250,000.00	Heart and Stroke Foundation	An Integrated Approach To Evaluating The Impacts Of Physical Activity, Diet, And Built Environments On Obesity In The Waterloo Region
PI	2007	2008	\$38,500.00	BC Parks and Recreation Authority	Transit Ridership, Walking, and Urban form Interactions
PI	2006	2009	\$115,680.00	U.S Environmental Protection Agency (ICF International)	Impacts of School Siting and Design on Travel, Environment, Health, and Safety

PI	2006	2008	\$59,052.00	City of Chino, California (Design Community and Environment)	Chino General Plan
PI	2006	2006	\$15,000.00	BC Ministry of Health	Case Studies of Health Intervention in Built Environment Decision Making
PI	2006	2006	\$40,000.00	Vancouver Foundation	Physical Activity and Health Impacts of Urban Form
PI	2006	2006	\$35,000.00	Provincial Health Services Authority	Summary of Key Policy Messages on Health and the Built Environment
PI	2006	2006	\$15,000.00	Canada Institute for Health Research	Youth Travel Patterns to School
CO-PI	2005	2010	\$2,500,000	National Institute of Health (R-01)	Child Weight Status and Neighborhood Physical Activity and Nutrition Environment
PI	2005	2009	\$120,000.00	Canada Foundation for Innovation	Bombardier Active Transportation Lab
PI	2005	2007	\$133,000.00	Canada Foundation for Innovation	Bombardier Active Transportation Lab
PI	2005	2006	\$40,000.00	Vancouver Foundation	Assessing Physical Activity Relationships With Neighborhood Walkability in the Vancouver Region
PI	2005	2006	\$65,000.00	Canadian Institute for Health Research	Creating a Walkability Surface for the Vancouver Region
PI	2005	2006	\$27,000.00	Canada Institute for Health Research	Measuring Air Quality Impact of Walkability in the Vancouver Region
PI	2005	2006	\$25,000.00	Canada Mortgage and Housing Corporation (CMHC)	The Fused Grid: An Assessment of Travel Behavior Relationships of Contrasting Levels of Vehicular and Pedestrian Connectivity
CO-PI	2004	2009	2,500,000	National Heart, Lung and Blood	Neighborhood Impact on Physical Activity in Older

				Institute (R-01)	Adults
PI	2004	2005	\$20,000.00	Smart Growth BC	Assessing Urban Form Relationships With Physical Activity and Health
PI	2003	2004	\$220,000.00	Washington State Department of Transportation	Air Quality, Travel Behavior and Land Use Correlation Analysis in the Central Puget Sound
Chair / PI	2002	2012	\$1,000,000	J. Armand Bombardier Foundation	Bombardier Chair in Sustainable Transportation
PI	2002	2003	\$23,000.00	Bullitt Foundation and the Center for Clean Air Policy	Assessing Urban Form Impacts on Greenhouse Gas Production
CO-PI	2001	2005	\$2,500,000	National Institute of Health, National Heart Lung, Blood Institute	Ecological Analysis of Physical Activity – “Neighborhood Quality of life Study”
PI	2001	2003	\$400,000.00	Atlanta Regional Commission	Regional Household Travel Survey
PI	2001	2002	\$24,000.00	Centers for Disease Control and Prevention	Environmental and Ecological Analysis of the Group Health Silver Sneakers Households in the Central Puget Sound Region
PI	2000	2004	\$2,480,000.00	USDOT / Georgia Regional Transportation Authority (GRTA)	Strategies for Metro Atlanta’s Regional Transportation and Air Quality
PI	2000	2003	\$280,000.00	Federal Transit Administration	Built Environment Impacts on Travel Choice, Physical Activity, and Health in King County WA
PI	1998	2002	\$75,000.00	Centers for Disease Control and Prevention	Non-Motorized Travel within the Atlanta 2000 Household Travel Survey

PI	1998	2001	\$60,000.00	Environmental Protection Agency	Integrating Travel Behavior and Urban Form Data to Address Transportation and Air Quality Problems in Atlanta
PI	1998	1999	\$45,000.00	Centers for Disease Control and Prevention	Land Use Impacts on Travel Choice and Physical Activity
PI	1998	1999	\$40,000.00	Turner Foundation	The Effect of Regional Location and Land Use on Travel and Air Quality in Atlanta – Phase II
PI	1998	1998	\$10,000.00	City of Atlanta, Turner, Georgia Tech Foundation	Redevelopment of the Lindbergh MARTA Station Area: Transit Supportive Community
PI	1997	1998	\$8,900.00	Georgia Tech Foundation	Developing a Regional Land Use, Transportation, and Air Quality Database in Atlanta
PI	1997	1998	\$50,000.00	Washington State Department of Ecology / Environmental Protection Agency	Integrating Community Development & Air Quality Modeling Practices
PI	1997	1998	\$35,000.00	Turner Foundation	The Effect of Land Use on Travel and Air Quality in Atlanta – Phase I"
PI	1996	1998	\$95,000.00	Washington State Department of Ecology / Environmental Protection Agency	Conveying Air Quality and Travel Benefits of Land Use Based Transportation Control Measures
PI	1994	2004	\$1,400,000.00	USDOT / Georgia Department of Transportation	Strategies for Metro Atlanta's Regional Transportation and Air Quality
PI	1994	1995	\$11,000.00	Ryan White AIDS Care Planning Act	An Assessment of Transportation Needs and Solutions of Persons Living With AIDS in King County, Washington

PI	1993	1994	\$50,000.00	North Central Washington Economic Development Council	The Chelan - Douglas Multi-Modal Transportation Complex: Preliminary Feasibility Analysis of Policies, Case History, Modal Characteristics, and Economic Opportunities
RA	1992	1994	\$75,000.00	Washington State Department of Transportation (WSDOT)	An Analysis of Urban Form Relationships with Travel Behavior (Sole Authored Grant)

Non-Peer Reviewed Popular Reports

Lawrence Frank, Sarah Kavage, Andrew Devlin, Urban Design 4 Health, Ltd. 2012. Health and the Built Environment: A Review. The Canadian Medical Association and World Medical Association.

Lawrence Frank, Sarah Kavage, George Poulos, Eric Fox, Urban Design 4 Health, Ltd. 2012. Lessons from the City of Vancouver: How to Accommodate Growth & Create a More Sustainable Transportation System at the Same Time. Infrastructure Canada.

Urban Design 4 Health, Ltd. 2010. The Hidden Health Costs of Transportation. American Public Health Association.

Goldberg, D, **L Frank**, B McCann, J Chapman and S Kavage. 2009. New Data for a New Era - A Summary of the SMARTRAQ Findings: Linking Land Use, Transportation, Air Quality, and Health in the Atlanta Region. Metro Atlanta.

Frank, Lawrence, Kavage, Sarah, Litman, Todd. 2006. Promoting Public Health Through Smart Growth. Smart Growth BC.

Agency Sponsored Research Reports

1. **Lawrence Frank**, Jim Chapman, Suzanne Kershaw, Kim Perrotta, and Monica Campell. Toronto Public Health and Urban Design for Health. A Health and Environment-Enhanced Land Use Planning Tool: Highlights. April 2013. City of Toronto.

2. Andrea Procyk, **Lawrence Frank**, Josh van Loon, Anastasia Frank, George Poulos, and Sean Bohle. Integrating Health into Transportation Planning in the Metro Vancouver Region: Context Report. February 2013. Translink.
3. **Larry Frank**, Jim Chapman, Suzanne Kershaw, Jared Ulmer and Sarah Kavage, UD4H. The Health-Based Decision-Support Tool: Enabling Public Health, Transportation & Land Use Planners to Assess Key Health Impacts of Urban Design. 2012. Toronto Public Health.
4. Urban Design 4 Health, Inc. 2012. Enhancing Walk Score's Walk Index to Facilitate Predicting Health-based Outcomes of Active Transportation – Phase 2. Robert Wood Johnson Foundation.
5. Urban Design 4 Health, Inc. 2012. Health Impact Enhancements to CommunityViz: Model Application and Case Studies. The San Diego Association of Governments.
6. Urban Design 4 Health, Ltd and Placeways. 2012. "Health Communities Atlas." San Diego Associations of Governments (SANDAG).
7. Urban Design 4 Health, Ltd and Placeways. 2012. "Health Impact Enhancements to CommunityViz: Methodology." San Diego Associations of Governments (SANDAG).
8. Urban Design 4 Health, Ltd. 2012. "Results of Health Analysis: Health Impact and Forecasting Assessment." San Diego Associations of Governments (SANDAG).
9. Urban Design 4 Health, Ltd., Mark Bradley & Parsons Brinckerhoff. 2012. "Health Impact Enhancements to the SANDAG Activity Based Travel Model." San Diego Associations of Governments (SANDAG).
10. **Larry Frank**, Jim Chapman, Suzanne Kershaw, Jared Ulmer, Sarah Kavage, Urban Design 4 Health. 2012. "A Health-Based Decision Support Tool: Enabling Public Health, Transportation & Land Use Planners to Assess Key Health Impacts of Urban Design Scenarios." Toronto Public Health.
11. Urban Design 4 Health, Ltd. 2012. "CLASP Software Tool Pilot Study Area: West Don Lands, Toronto." Toronto Public Health.
12. **Larry Frank**, Jim Chapman, Suzanne Kershaw, Sarah Kavage, Urban Design 4 Health, Ltd. 2012. "City and Regional Residential Preference Survey Results for Toronto and Vancouver: A CLASP Final Report." Toronto Public Health.
13. Sarah Kavage, **Lawrence D. Frank**, George Poulos. Urban Design 4 Health Ltd. 2012. "The Vancouver Case Study: Innovations in Creating a Sustainable Transportation System." Infrastructure Canada.

14. **Lawrence D. Frank**, Jim Chapman, Eric Fox, Jared Ulmer Urban Design 4 Health, Inc. 2012. “Teen Environment & Neighborhood Study (TEAN): Final Report—Macro Built Environment.” Dr. Jim Sallis, University of California, San Diego.
15. **Frank, L.D.**, van Loon, J, and G Poulos. 2012. “Active Transportation Modeling & Forecasting for the City of Vancouver.” City of Vancouver.
16. Jared Ulmer, **Lawrence Frank**, Eric Fox, 2012. “Enhancing Walk Score’s Walk Index to Facilitate Prediction Health-based Outcomes of Active Transportation – Phase 2.” Robert Wood Johnson Foundation.
17. Procyk, Andrea, **Lawrence Frank**, 2012. Josh Van Loon, Anastasia Frank, George Poulos and Sean Bohle. 2012. “Integrating Health into Transportation Planning in the Metro Vancouver Region: Context Report.” Translink.
18. Procyk, Andrea, **Lawrence Frank**. 2011. “United Way Senior Vulnerability Report – November 2011 – Discussion Paper #3: Transportation, Community Design and Healthy Aging.” United Way.
19. Devlin, Andrew, **Lawrence Frank** and Josh Van Loon. “Physical Activity and Transportation Benefits of Walkable Approaches to Community Design in British Columbia.” British Columbia Recreation and Parks Association. Jan 31, 2009. 33 pages.
20. **Frank, Lawrence**, Winters, Meghan, Patterson, Brian, Craig, Cora. 2009. “Promoting Physical Activity through Healthy Community Design.” Vancouver Foundation.
21. **Frank, Lawrence**, Andrew Devlin, S Johnstone and Josh Van Loon. 2009. “Promoting Physical Activity through Healthy Community Design Index.” University of British Columbia.
22. **Frank, L.**, Chapman, J., Kavage, S., “King County Transportation, Health, and Urban Form Study.” King County.
23. **Frank, Lawrence**, Kavage, Sarah, Raine, Kim. 2007. “Key Messages for Policy Development on Health and the Built Environment in British Columbia.” Provincial Health Services Authority.
24. **Frank, L**, Hawkins, C. 2007. “Fused Grid Assessment: Travel and environmental impacts of contrasting pedestrian and vehicular connectivity.” Canada Mortgage and Housing Authority.
25. **Frank, Lawrence**, Winters, Meghan, Patterson, Brian, Craig, Cora. 2007. “Physical Activity and Obesity Relationships with Built Form in the Vancouver Region.” Vancouver Foundation.

26. Raimi, Matthew, Ewing, Reid, **Frank, Lawrence**. 2006. "US Green Building Council LEED ND – Built Environments and Public Health Report."
27. **Frank, Lawrence, D.** James Chapman, Sarah McMillan, Ann Carpenter. 2004. "Performance Measures for Regional Monitoring." Georgia Regional Transportation Authority.
28. **Frank, Lawrence**, Jonathan Levine, D. James Chapman, Sarah McMillan, Ann Carpenter. 2004. "Transportation and Land Use Preferences and Atlanta's Neighborhood Choices." Georgia Regional Transportation Authority.
29. **Frank, Lawrence**, Martin Andresen, James Chapman, Ann Carpenter. 2004. "Mode Choice and Urban form in Metropolitan Atlanta." Georgia Department of Transportation.
30. Chapman, Janes, **Lawrence Frank**, Christopher Leerssen, Ann Carpenter. 2004. "Modeling the Air Quality Benefits of the Atlanta Regional Commissions Livable Centers Initiative." Georgia Regional Transportation Authority.
31. **Frank, Lawrence**, Jean Wolf, James Chapman, Ann Carpenter. 2004. "Measuring How We Move Through Space: Application of GPS Technology to Non-Motorized Travel." Georgia Department of Transportation.
32. **Frank, Lawrence D.** and Peter Engelke. 2000. "The Impacts of the Built Environment on Physical Activity and Public Health." Centers for Disease Control and Prevention.
33. Peter Engelke and **Lawrence D. Frank**. 2000. "Assessing the Effects of the Built Environment on Non-Motorized Travel Patterns in Seattle." Centers for Disease Control and Prevention.
34. **Frank, Lawrence D.** and Peter Engelke. 2000. "An Annotated Bibliography of Research on Land Development and Transportation Practices that Impact Physical Activity and Health." Centers for Disease Control and Prevention.
35. **Frank, Lawrence D.**, 1999. "The Impacts of Land Use on Travel Demand and Vehicle Emissions in Atlanta." Turner Foundation.
36. **Frank, Lawrence D.** 1998. "The Redevelopment of The Atlantic Steel Site into a Compact, Mixed Use Community." Project XL Proposal to the EPA.
37. **Frank, Lawrence D.** and Brian Stone, Jr. 1998. "Land Use Effects on Travel Demand and Air Quality." Washington State Department of Ecology and the Environmental Protection Agency.

38. **Frank, Lawrence D.** 1998. "The Redevelopment of the Lindbergh MARTA Station Area: Creating a Transit Supportive Community." City of Atlanta, Turner Foundation, Georgia Tech Foundation.
39. **Frank, Lawrence**, and Angela Minton, 1996. "Land Use Effects on Travel Demand and Air Quality: A Review of Federal, State, and Regional Policies." Washington State Department of Ecology.
40. **Frank, Lawrence**, and Molly E. Buchanan, 1996. "Findings and Critiques of Empirical Studies Relating Land Use, Travel Behavior, and Air Quality." Washington State Department of Ecology.
41. Rutherford, G. Scott, **Frank, Lawrence D.**, and Tull, Andrea. 1996. "The Development of Private Services at Park and Ride Locations in the Central Puget Sound." Washington State Department of Transportation.
42. **Frank, Lawrence D.**, McBryan, Bonnie, and Hunter, Carol. 1995. "An Assessment of Transportation Needs and Solutions for Persons Living With AIDS in King County, Washington." King County, Washington.
43. **Frank, Lawrence D.** and Pivo, Gary. 1994. "An Analysis of Relationships between Urban Form (Density, Mix, and Jobs: Housing Balance) and Travel Behavior (Modal Choice, Trip Generation, Trip Distance, and Travel Time)." Washington State Department of Transportation.
44. **Frank, Lawrence D.** and Pivo, Gary. 1994. "Land Use and Travel Behavior in the Central Puget Sound Region." Washington State Department of Transportation.
45. **Frank, Lawrence D.** and Stone, Craig J. 1994. "Applying Concurrency Requirements to State Highways and Ferries." Washington State Department of Transportation.
46. **Frank, Lawrence D.** 1994. "Locating Pedestrian Improvements Based on Existing Travel Patterns: An Analysis of Non-Motorized Travel Patterns From the Seattle CBD to Colman Dock" in *Colman Dock: Going Places*. Washington State Department of Transportation.
47. **Frank, Lawrence D.**, Greco-Smith, Theresa, and Davis-Bloom, Dennis. 1993. "The Wenatchee Multi-Modal Transportation Complex Feasibility Analysis." North Central Washington Economic Development Council.
48. Pivo, Gary, Moudon, Anne, Hess, Paul, Perkins, Kit, **Frank, Lawrence**, and Loewenherz, Franz. 1992. "An Agenda for Research on Urban Form and Travel Behavior." Washington State Department of Transportation.

49. Pivo, Gary, and **Frank, Lawrence D.** 1991. “The Development of a Performance Monitoring System for the Washington State Transportation Policy Plan.” Washington State Department of Transportation.

Public Forums and Workshops

1. “Healthy aging and where you live: Promoting well-being through community design.” October 2014. Workshop and Public Forum: The Road Ahead for Older Canadians, UBC Health and Community Design Lab, Vancouver, BC, October 8-9, 2014. **Speaker and Host.**
2. “Healthy Aging and Where You Live.” May 2014. The Road Ahead for Older Canadians, Vancouver, Canada. **Speaker.**
3. “Urban Design and Modal Integration – Lessons from Other Places.” September 2010. Streetcars: The Missing Link?, Vancouver, BC, September 29, 2010. **Speaker and Host.**

Presentations

1. “An International Perspective of the Health Impacts of Community Design” University College London, December 2015. **Invited Lecture Presentation at Seminar.**
2. “Building the Evidence Based to Quantify Physical Activity and Air Quality Impacts of the Built Environment” Imperial College, December 2015. **Invited Lecture Presentation at Seminar.**
3. “Analytical Tools and Methods to Measure the Link Between Place and Health” Cambridge University, December 2015. **Invited Lecture Presentation at Seminar.**
4. “Engaging the Land Development Community in the Health and Built Environment Debate: The Urban Land Institute” Washington DC, September 2015. **Keynote Presentation.**
5. “Built Environment Relationships with Drug Dependence and Mental Health” University of Washington, Seattle Washington, September 2015. **Keynote Presentation.**

6. NEWPATH: An Integrated Assessment of Physical Activity and Dietary Impacts of Community Design” International Society of Behavioral Nutrition and Physical Activity (ISBNPA), Edinburgh, Scotland, July 2015. **Conference Presentation.**
7. “An Overview of the Links Between Health and the Built Environment: A Review of Current Evidence” The Royal Society of Medicine, London, June 2015. **Keynote Presentation.**
8. “Health and the Built Environment: A Retro-spective Assessment” University of Melbourne, May 2015. **Keynote Presentation.**
9. “Health Impacts of Complete Street Ordinances: A Case Study of Toronto” Moving Transportation to a Higher Ground” Transportation Research Board, Washington DC, April 2015. **Conference Presentation.**
10. “Building Evidence Based Tools to Predict Health Impacts of Transportation Investments” Moving Transportation to a Higher Ground” Transportation Research Board, Washington DC, April 2015. **Conference Presentation.**
11. “Spatial Convergence Between Air Quality and Physical Activity Impacts of Walkability” BC Air Quality Conference, March 2015. **Conference Presentation.**
12. “California Public Health Activity Model (CPHA): Statewide tool to measure health impacts of land use and transportation decisions,” Active Living Research Conference, San Diego, CA February 2015. **Conference Presentation.**
13. “Chronic Disease Impacts of Community Design – Matching California Health Interview Survey Data with Detailed Built Environment Features” New Partners for Smart Growth, Baltimore MD January 2015. **Conference Presentation.**
14. “What’s Next on the Health and Built Environment Horizon” Oregon We Can Do Better Conference” Portland, Oregon, 2015. **Keynote Presentation.**
15. “The Health Impacts of Community Design.” May 2014. North Shore Congress, North Vancouver, Canada.
16. “Residential Preference for Walkable Neighbourhoods in Toronto and Vancouver, Canada.” May 2014. International Society for Behavior, Nutrition, and Physical Activity Annual Meeting, San Diego, USA.
17. “Bicycling within the Transportation Paradigm.” April 2014. Bicycling by Design: Facilities to Promote Safe and Healthy Travel Short Course, Vancouver, Canada.
18. “Health and Community Design: The Impact of the Built Environment on Physical

Activity”. March 2014. Smart Urban Futures Conference, Melbourne, Australia.
Keynote Presentation.

19. “Evidence Based Health Impact Assessment Tools: Applying New Evidence to Decision Making in North America”. March 2014. International Conference on Urban Health (ICUH), Manchester, UK.
20. “Applying Evidence on Health and Built Environment Relationships: Health Impact Assessment Tools”. February 2014. New Partners for Smart Growth Conference, Denver, US.
21. “Walkability Patterns in Metro Vancouver.” February 2014. Healthy Built Environment Alliance Webinar Series, Vancouver, BC.
22. "Residential Preferences in BC." October 2013. Healthy Built Environment Alliance Webinar Series, Vancouver, BC.
23. "Building Healthy Communities After Devastation." October 2013. International Wellness Symposium, Lake Louise, AB.
24. "Prove It: Evidence Based Tools - Evaluating and Planning Healthy Community Design." 2013. CIP-PIBC Annual Conference - INFUSE Vancouver July 2013, Vancouver BC.
25. “Built Environment Influences on Healthy Eating and Active Living: a ‘NEWPATH’ to Energy Balance.” May 2013. Canadian Obesity Summit, Vancouver BC.
26. “Quantifying Health Impacts of Community Design.” April 2013. American Planning Association Annual Conference, American Planning Association, Chicago IL.
27. “Health and Community Design.” April 2013. Ingredients for a Family-Friendly Downtown, AIA Seattle, Seattle WA. **Keynote Presentation.**
28. "Introduction to Healthy Built Environment." 2013. Canadian Institute of Public Health Inspectors BC Branch Continuing Education Webinar Series, BC.
29. “Enhancing Walk Score's Ability to Predict Objectively-Measured Physical Activity.” March 2013. 34th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Society of Behavioral Medicine, San Francisco CA.

30. “From Evidence to Decision Making: New Tools That Incorporate Health Into Scenario Planning Tools.” 2013. Active Living Research Annual Meeting, Active Living Research, San Diego CA.
31. “Analysis of Built Environment Influences on Walking Trips and Distance Walked in a Midsized Canadian City.” 2013. Transportation Research Board (TRB) Annual Meeting, Transportation Research Board (TRB), Washington DC.
32. “Integrating Active Transportation and Health into Transportation Planning.” 2012. Sports Medicine Australia: Be Active Conference, Sydney Australia.
33. “Creating an Evidence Based Planning Tool to Predict Physical Activity and Obesity Impacts of Community Design Alternatives.” 2012. Sports Medicine Australia: Be Active Conference, Sydney Australia.
34. “Monetizing the Health Impacts of Community Design.” 2012. ARUP, BC.
35. “Community Energy and Emissions Modeling” 2012. Association of Professional Engineers and Geoscientists of BC Annual Conference, Association of Professional Engineers and Geoscientists of BC, Victoria BC.
36. “Where You Live and How You Feel: Urban Form and Public Health Linkages.” 2012. Invited Presentation, Portland State University, Portland OR.
37. “Health Impacts of Community Design: From Evidence to Practice.” 2012. Invited Presentation, Ministry of Health, Edmonton AB.
38. “The NEWPATH Project - Sustainable Transportation Policy and Implementation.” 2012. Canadian Institute of Planners (CIP) 2012 Conference, Canadian Institute of Planners (CIP), Banff AB.
39. “Evidence-Based HIA Tools.” 2012. HIA 2012: How HIA Matters in Health in All Policies, Quebec City QC.
40. “Leadership in Healthy and Livable Communities Keynote Presentation.” 2012. Velo-City Global, Vancouver BC. **Keynote Presentation.**
41. “Impacts of Community Design on our Health and Environment.” 2012. Lynn Valley Speaker Series on Sustainable Communities, Vancouver BC. **Keynote Presentation.**

42. “Built Environment Influences on Healthy Eating and Active Living: A "NEWPATH" to Energy Balance.” 2012. Canadian Public Health Association (CPHA), Edmonton AB.
43. “Objective Assessment of Obesogenic Environments in Youth: GIS Methods to Evaluate Physical Activity and Food Environments for the Neighborhood Impact on Kids (NIK) study.” 2012. International Conference on Diet and Activity Methods, Rome Italy.
44. “BEYOND: Yes... But Can You Get Me Out of My Car? (Part I).” 2012. Planning Institute of British Columbia (PIBC) 2012 Conference, Planning Institute of British Columbia (PIBC), Harrison Hot Springs BC.
45. “Where is the Market Taking Us?” 2012. Congress for the New Urbanism (CNU), West Palm Beach FL.
46. “Walk the Talk: Transforming the Built Environment to Enhance Active Living.” 2012. Gaining Ground: Connecting People and Knowledge: Provincial Conference on Active Transportation and Recreation, Portage-la-Prairie MB. **Keynote Presentation.**
47. “Sensitivity of Objective Measures of Pedestrian Access to the Inclusion of Off-Street Pedestrian Pathways: Methodological and Policy Implications.” 2012. Active Living Research, San Diego CA.
48. Health and Community Design: Hidden Health Costs of Transportation Investment. 2012, Transportation Research Board (TRB), Washington DC.
49. “Evidence on Healthy Aging and Community Design.” 2011. United Way Conference on Healthy Aging, United Way, Vancouver BC.
50. “Carbonless Footprints: Health and Environmental Benefits of Active Transportation.” 2011. Walk 21 International Conference, Vancouver BC. **Keynote Presentation.**
51. “Learning From Each Other: A multidisciplinary Approach to the Walking World.” 2011. Walk 21 International Conference, Vancouver BC.
52. “Scenario Planning Tools: From Evidence to Policy.” 2011. Walk 21 International Conference, Vancouver BC.
53. “Built Environment and Older Adults: Supporting Smooth Transitions Across the Life-Span.” 2011. Union of BC Municipalities Conference on Healthy Aging, Union of BC Municipalities, Vancouver BC. **Keynote Presentation.**

54. “Evidence to Practice: Evaluating the Health Impacts of Land Use and Transportation.” 2011. Creating Healthy Places, Middlesex- London Health Unit, London United Kingdom.
55. “Emerging Evidence: Our Health and Where We Live.” 2010. World Medical Association Annual Conference, World Medical Association, Vancouver BC. **Keynote Presentation.**
56. “Age Integrated Communities and the Role of the Built Environment.” 2010. Stanford University Healthy Aging Symposium, Stanford University Center on Longevity, Palo Alto CA.
57. “Health, Climate, and Community Design: The State of the Evidence.” 2010. Annual Conference of the Congress for the New Urbanism, Congress for the New Urbanism, Atlanta GA. **Keynote Presentation.**
58. “Creating Healthy Communities.” 2009. Canadian Cancer Coalition, Montreal QC. **Keynote Presentation.**
59. “Applying Evidence to Decision Making: The health Impacts of Land Use and Transportation Decisions.” 2008. Association of Local Public Health Agencies (ALPHA), Toronto ON. **Keynote Presentation.**
60. “Health, Environment, and Community Design.” 2008. Australian Institute of Planners, Sydney Australia. **Keynote Presentation.**
61. “State of the Research on Health and Built Environment.” 2008. University of Miami, Miami FL. **Keynote Presentation.**

PROFESSIONAL CERTIFICATIONS AND AFFILIATIONS

Canadian Institute of Planners (CIP) 2006

American Society of Landscape Architects (ASLA) 2001

American Institute of Certified Planners (AICP) 1996

Registered Landscape Architect (RLA) 1994

Professional Affiliations

Society of Behavioral Medicine, 2008 – Present.

Congress for the New Urbanism, 2006 – Present.

American Society of Landscape Architects, 2007 – Present.

Associate Member, Urban Land Institute (ULI), 1998 – Present.

Member, American Association of University Professors (AAUP), 1998 – Present.

Member, American Planning Association (APA), 1995 – Present.

Member, American Institute of Certified Planners (AICP), 1996 – Present.

Member, Institute of Transportation Engineers (ITE), (affiliation) since 1990.

Member, National Academy of Sciences (NAS) Transportation Research Board (TRB)
1994 –Present