

CURRICULUM VITAE (UPDATED ON 1/20/2020)

Yingling Fan, Ph.D.

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Education

Ph.D. in City and Regional Planning, University of North Carolina at Chapel Hill (2007)

B.S. in Transportation Engineering, Southeast University, Nanjing, China (2001)

Positions

2018-present, **Professor**, Urban and Regional Planning Program, Hubert H. Humphrey School of Public Affairs, University of Minnesota

2019-present, **Ph.D. Program Director**, Hubert H. Humphrey School of Public Affairs, University of Minnesota

2016-present, **Research Scholar**, Urban Research and Outreach-Engagement Center, University of Minnesota

2015-present, **Director**, Global Transit Innovations Program, University of Minnesota

2008-present, **Faculty Scholar**, Center for Transportation Studies, University of Minnesota

2008-present, **Affiliate Faculty**, Minnesota Population Center, University of Minnesota

2017, **Interim Director**, Urban and Regional Planning Program, University of Minnesota

2014-2018, **Associate Professor**, Urban and Regional Planning Program, Hubert H. Humphrey School of Public Affairs, University of Minnesota

2008-2014, **Assistant Professor**, Hubert H. Humphrey School of Public Affairs, University of Minnesota

2010-2011, **Visiting Fellow**, Peking University-Lincoln Institute Center for Urban Development and Land Policy

2007–2008, **Visiting Assistant Professor**, Department of Urban Planning, University of Illinois, Chicago

2006–2007, **Research Intern**, Highway Safety Research Center, Chapel Hill, NC

2003-2007, **Graduate Research Assistant**, Department of City and Regional Planning, University of North Carolina at Chapel Hill

2001–2003, **Assistant Researcher**, Transportation College, Southeast University, Nanjing, China

Awards and Honors

2020 Research Partnership Award, Center for Transportation Studies, University of Minnesota

2018 Instructor of the Year Award, Humphrey School of Public Affairs, University of Minnesota

2016 Honorary Member Award, Women's Transportation Seminar Minnesota Chapter

- 2014 Richard P. Braun Distinguished Service Award, Center for Transportation Studies, University of Minnesota
- 2014 President's Community-Engaged Scholar Finalist, University of Minnesota
- 2012-2014 McKnight Land-Grant Professorship Award, University of Minnesota
- 2011 Collaborator of the Year Award, Hennepin County-University Partnership, Minnesota
- 2011 New Initiatives Award, Center for Urban and Regional Affairs, University of Minnesota
- 2009-2013 Scholar Award, Children, Youth and Family Consortium, University of Minnesota
- 2009 Patricia F. Waller Award, Transportation Research Board, Washington, DC
- 2008 Pedestrian Committee Best Paper Award, Transportation Research Board, Washington, DC
- 2007 Journal of Planning Education and Research Writing Workshop Scholarship, Berkeley, CA
- 2003-2005 Merit-based Assistantship Award, UNC-Chapel Hill
- 2002 Mayor of Changshu Young Researcher Award, Changshu City Council, China
- 1997-2001 Outstanding Student Award, Southeast University, China

Patent

Fan, Y., Wolfson, J., and Adomavicius, G. (2017). Travel and Activity Capturing. United States Patent and Trademark Office. Patent No. US9763055B2. Grant Date: September 12, 2017.

Publications

(Underline denotes that coauthor was graduate student or research associate under my supervision; * denotes that I served as the corresponding author for the article.)

Refereed Journal Articles

1. Glasgow, T. E., Le, H. T., Geller, E. S., **Fan, Y.**, & Hankey, S. (2019). How transport modes, the built and natural environments, and activities are associated with mood: A GPS smartphone app study. *Journal of Environmental Psychology*, doi: 10.1016/j.jenvp.2019.101345.
2. **Fan, Y.***, Brown, R., Das, K., Wolfson, J. (2019) Understanding trip happiness using smartphone-based data: The effects of trip- and person-level characteristics. *Transport Findings*. DOI: 10.32866/7124.
3. Ji, Y., Gao, L., **Fan, Y.**, and Zhang, R. (2019). Waiting Time Perceptions at Bus and Metro Stations in Nanjing, China: The Importance of Station Amenities, Trip Contexts, and Passenger Characteristics. *Transportation Letters: the International Journal of Transportation Research*, 11 (9), 479-485
4. Yang, S., **Fan, Y.***, Deng, W, and Cheng, L. (2019) Do built environment effects on travel behavior differ between household members? A case study of Nanjing, China. *Transport Policy*, 81, 360-370.
5. Chen, S., **Fan, Y.**, Cao, Y., & Khattak, A. (2019). Assessing the relative importance of factors influencing travel happiness. *Travel Behaviour and Society*, 16, 185-191.
6. Wu, X., Tao, T., Cao, J., **Fan, Y.**, & Ramaswami, A. (2019). Examining threshold effects of built environment elements on travel-related carbon-dioxide emissions. *Transportation Research Part D: Transport and Environment*, 75, 1-12.
7. Wang, L., Ma, W., **Fan, Y.**, and Zuo, Z. (2019). Trip chain extraction using smartphone-collected trajectory data. *Transportmetrica B: Transport Dynamics*. 7(1): 225-274.

8. Zhu, J., and **Fan, Y.*** (2018). Daily travel behavior and emotional well-being: Effects of trip mode, duration, purpose, and companionship. *Transportation Research Part A: Policy and Practice*. 118: 360-373.
9. Guthrie, A., Burga, H., and **Fan, Y.*** (2018). Collaboration in mitigating spatial and skills mismatch: Exploring shared understandings between transit planners and workforce professionals. *Journal of Transport and Land Use*. 11(1): 1081-1100.
10. Sun, T. and **Fan, Y.** (2018). Inequitable job accessibility across educational and hukou groups in Beijing: An analysis of transit-based accessibility to sectoral jobs. *Journal of Transport and Land Use*. 11(1): 791-803.
11. Song, Y., **Fan, Y.**, Li, X., Ji, Y. (2018). Multidimensional Visualization of Transit Smartcard Data Using Space-Time Plots and Data Cubes. *Transportation*. 45(2): 311-333.
12. Qi, Y., **Fan, Y.***, Hu, L., and Sun, T. (2018). Decade-long changes in spatial mismatch in Beijing, China: Are disadvantaged population better or worse off? *Environment and Planning A*. 50(4): 848-868.
13. Zhu, J., & **Fan, Y.*** (2018). Commute happiness in Xi'an, China: Effects of commute mode, duration, and frequency. *Travel Behaviour and Society*, 11, 43-51.
14. Li, X., **Fan, Y.***, and Wu, L. (2017). CO2 emissions and expansion of railway, road, airline and in-land waterway networks over the 1985-2013 period in China: A time series analysis. *Transportation Research Part D: Transport and Environment*, 57: 130-140.
15. Martin, B.D., Addona, V., Wolfson, J., Adomavicius, G., **Fan, Y.** (2017) Methods for Real-Time Prediction of the Mode of Travel Using Smartphone-Based GPS and Accelerometer Data. *Sensors*, 17: 2058-78.
16. Xu, W., Guthrie, A., **Fan, Y.**, and Li, Y. (2017). Transit-Oriented Development in China: Literature Review and Evaluation of TOD Potential across 50 Chinese Cities. *Journal of Transport and Land Use*, 10(1): 743-762.
17. Guthrie, A., **Fan, Y.**, and Das, K. (2017). Accessibility Scenario Analysis of Hypothetical, Future Transit Network: Social Equity Implications of GTFS-Based, Sketch Planning Tool. *Transportation Research Record*, No. 2671: 1-9.
18. Li, X., **Fan, Y.**, Shaw, J., and Qi, Y. (2017). A Fuzzy AHP Approach to Compare Transit System Performance in U.S. Urbanized Areas. *Journal of Public Transportation*, 20(2): 66-89.
19. Das, K., **Fan, Y.***, and French, S. (2017). Park-Use Behavior and Perceptions by Race, Hispanic Origin, and Immigrant Status in Minneapolis, MN: Implications on Park Strategies for Addressing Health Disparities. *Journal of Immigrant and Minority Health*, 19(2): 318-327.
20. **Fan, Y.*** (2017). Household structure and gender differences in travel time: spouse/partner presence, parenthood, and breadwinner status. *Transportation*, 44(2): 271-291.
21. Hu, L., **Fan, Y.**, and Sun, T. (2017). Spatial or socioeconomic inequality? Job accessibility changes for low- and high-education population in Beijing, China. *Cities*, 66: 23-33.
22. French, S., Sherwood, N., Mitchell, N., and **Fan, Y.** (2017). Park use is associated with less sedentary time among low-income parents and their preschool child: The NET-Works study. *Preventive Medicine Reports*. 5, 7-12.
23. Ji, Y., **Fan, Y.***, Ermagun, A., Cao, X., Wang, W., Das, K. (2017). Public Bicycle as a Feeder Mode to Rail Transit in China: The Role of Gender, Age, Income, Trip Purpose, and Bicycle Theft Experience. *Journal of Sustainable Transportation*. 11(4), 308-317.

24. Ermagun, A., **Fan, Y.***, Wolfson, J., Adomavicius, G., Das, K. (2017) Real-Time Trip Purpose Prediction Using Online Location-Based Search and Discovery Services. *Transportation Research Part C: Emerging Technologies*, 77: 96-112.
25. **Fan, Y.***, Guthrie, A., and Levinson, D. (2016). Perception of Waiting Time at Transit Stops and Stations: Effects of Basic Amenities, Gender, and Security. *Transportation Research Part A*, 88, 251-264.
26. Guthrie, A. and **Fan, Y.** (2016) Developers' Perspectives on Transit-Oriented Development. *Transportation Policy*, 51, 103-114.
27. **Fan, Y.*** (2016). Community-Based Participatory Research on Urban Parks and Health Disparities: Perspectives from an Urban Planning Researcher. *Journal of Community Engagement and Higher Education*, 8(3), 25-34.
28. Martin, L., **Fan, Y.**, Dukes, N., Hearst, M., and Jordan, C. (2016). The Scholars Program Learning Circle: An Example of Capacity Building in the Academy for Engaged Team Science. *Journal of Community Engagement and Higher Education*, 8(3), 26-24.
29. Guthrie, A. and **Fan, Y.** (2016). Weakening obstacles to transit use: Changes in relationships with child rearing and automobile access from 2000 to 2011. *Transportation Research Record*. No. 2565, 103-110.
30. Lagune-Reutler, M., Guthrie, A., **Fan, Y.**, and Levinson, D. (2016). Waiting area environments and waiting time perception at transit stops: Impacts of trees, traffic, and polluted air. *Transportation Research Record*. No. 2543, 82-90.
31. **Fan, Y.***, Allen, R. and Sun, T. (2014) Spatial mismatch in Beijing, China: Implications of job accessibility for Chinese low-wage workers. *Habitat International*, 44, 202-210.
32. Tilahun, N. and **Fan, Y.** (2014) Transit and Job Accessibility: An Empirical Study of Access to Competitive Clusters and Regional Growth Strategies for Enhancing Transit Accessibility. *Transport Policy*, 33, 17-25.
33. Guthrie, A. and **Fan, Y.** (2013) Streetcars and recovery: An analysis of post-Katrina building permits around New Orleans streetcar lines. *Journal of Planning Education and Research*, 33(4), 381-394. [Most Read Article, December 2013]
34. **Fan, Y.*** and Guthrie, A. (2013). Doing business around transit corridors: Survey research on business perceptions of fixed-guideway transit projects. *Transportation Research Record*, No. 2351, 142-152.
35. **Fan, Y.***, French, S., and Das, K. (2012). Family structure and park use among parents. *American Journal of Preventive Medicine*, 43(5), 520-526
36. **Fan, Y.*** and Chen, Q. (2012). Family functioning as a mediator between neighborhood conditions and children's health: Evidence from a national survey in the United States. *Social Science & Medicine*, 74(12), 1939-47.
37. **Fan, Y.*** and Khattak, A. (2012). Time use patterns, lifestyles, and sustainability of nonwork travel behavior. *International Journal of Sustainable Transportation*, 6(1), 26-47.
38. **Fan, Y.*** (2012). The planners' war against spatial mismatch: Lessons learned and ways forward. *Journal of Planning Literature*, 27(2) 153-169.
39. **Fan, Y.*** and Guthrie, A. (2012) Winners or losers: Resident perceptions of transit-induced neighborhood change. *Transportation Research Record*, 2276, 89-100.
40. **Fan, Y.***, Guthrie, A., and Levinson, D. (2012). Impact of light rail implementation on labor market accessibility: A transportation equity perspective. *Journal of Transport and Land Use*, 5(3), 28-39.

41. Cao, X. and **Fan, Y.** (2012). Exploring the influences of density on travel behavior using propensity score matching. *Environment and Planning B*, 39 (3), 459-470.
42. **Fan, Y.***, Das, K., and Chen, Q. (2011). Neighborhood green, social support, physical activity, and stress: Assessing the cumulative impact. *Health & Place*, 17(6), 1202–1211. [Most Downloaded Article, November 2011]
43. **Fan, Y.***, Khattak, A., and Rodriguez, D. (2011). Household excess travel and neighborhood characteristics: Associations and trade-offs. *Urban Studies*, 48(6), 1235-1253.
44. **Fan, Y.*** (2010). Re-examining contemporary urbanism in the United States: Convenient mix of the old and the new. *Environment and Planning A*, 42(12), 2897-2913.
45. **Fan, Y.*** (2010). Urban form and family-engaged active leisure: Impact assessment using Census data and nighttime lights satellite images. *Geocarto International*, 25(6), 453-470.
46. Cao, X., Xu, Z., and **Fan, Y.** (2010). Exploring the connections among residential location, self-selection, and driving: Propensity score matching with multiple treatments. *Transportation Research Part A: Policy and Practice*. 44(10), 797-805.
47. **Fan, Y.*** and Khattak, A. (2009). Does urban form matter in solo and joint activity engagement? *Landscape and Urban Planning*, 92(3-4), 199-209.
48. **Fan, Y.*** and Song, Y. (2009). Is sprawl associated with a widening urban–suburban mortality gap? *Journal of Urban Health*, 86(5), 708-728.
49. Wang, X., Khattak, A., and **Fan, Y.** (2009). Role of Dynamic Information in Supporting Changes in Travel Behavior Two-Stage Process of Travel Decision. *Transportation Research Record*, No. 2138, 85-93.
50. **Fan, Y.*** and Khattak, A. (2008). Urban form, individual spatial footprints, and travel: An examination of space-use behavior. *Transportation Research Record*, No. 2082, 98-106.
51. Khattak, A., **Fan, Y.**, and Teague, C. (2008). Economic impacts of traffic incidents on businesses. *Transportation Research Record*, No. 2067, 93-100.
52. Khattak, A. and **Fan, Y.** (2008). What exacerbates injury and harm in car-SUV collisions? *ASCE Journal of Transportation Engineering*, 134(2), 93-104.
53. Zegeer, C., Blomberg, R., Henderson, D., Marchetti, L., Masten, S., **Fan, Y.**, Brown, A., Stutts, J., Sandt, L., and Thomas, L. (2008). Evaluation of the Miami-Dade pedestrian safety demonstration project. *Transportation Research Record*, No. 2073, 1-10. (2008 PATRICIA F. WALLER AWARD: Outstanding Paper on Safety and System Users)
54. Khattak, A., Pan, X., Williams, B., Roupail, N., and **Fan, Y.** (2008). Traveler information delivery mechanisms: Impact on consumer behavior. *Transportation Research Record*, No. 2069, 77-84.
55. **Fan, Y.***, Khattak, A., and Shay, E. (2007). Intelligent Transportation Systems: What do publications and patents tell us? *Journal of Intelligent Transportation Systems*, 11(2), 91-103.
56. Song, Y., Gee, G., **Fan, Y.**, and Takeuchi, D. (2007). Do physical neighborhood characteristics matter in predicting traffic stress and health outcomes? *Transportation Research Part F: Traffic Psychology and Behavior*, 10(2), 164-176.
57. Shay, E., **Fan, Y.**, Khattak, A., and Rodriguez, D. (2006). Drive or walk? Utilitarian trips within a neo-traditional neighborhood. *Transportation Research Record*, No. 1985, 154-161.

58. **Fan, Y.***, Li, T., and Xie, Y. (2002). An urban transportation environment impact evaluation model: Applying fuzzy hierarchy analysis and gray clustering analysis. *Environmental Protection in Transportation*, 6(1), 1-14 (in Chinese).
59. Xie, Y., Li, X., and **Fan, Y.** (2004). Urban Road Network Model and Assignment Algorithm Analysis under Traffic Control Condition. *Journal of Highway and Transportation Research and Development*, 21(2), 84-87 (in Chinese).
60. Xie, Y., Li, X., **Fan, Y.**, and Gu, Z. (2003). The Application of MapX in Urban Transportation Planning Information systems. *Transportation and Computers*, 21(1), 27-29 (in Chinese).
61. Xie, Y., Li, X., and **Fan, Y.** (2003). Designing Geographic Information Systems for Urban Transportation Planning. *Transportation Science & Technology*, 196(1), 7-10 (in Chinese).

Invited Articles

62. Diao, M., Fan, Y., and Zhang, X. (2019). Introduction to special issue: Rail transit development in China and beyond. *Journal of Transport and Land Use*, 12 (1), 237-239.
63. **Fan, Y.***, French, S., and Das, K. (2013). Park-use behaviors and a pilot park-use promotion program in Minneapolis: Implications for addressing health inequities. *CURA Reporter, Spring2013*, 43(1), 5-13.
64. **Fan, Y.*** (2010). Neighborhood design, family outdoor activities, and children's well-being. *CYFC Connections, Winter 2010*, 4-7.

Invited Book Review

65. **Fan, Y.***(2017). Review of Changing Lanes: Visions and Histories of Urban Freeways, *Journal of Urban Technology*, 23(4), 107-109.
66. **Fan, Y.*** (2015). Review of Transport, the Environment and Security: Making the Connection. *Journal Planning Education and Research*, 35(3), 391-393.

Book Chapters

67. Song, Y., Gee, G. C., **Fan, Y.**, and Takeuchi, D. T. (2010). Can neighborhood green alleviate traffic stress? In Hennessy, D. A. (Eds.), *Traffic Psychology: An International Perspective*. New York: Nova Science Publishers.

Research Reports

68. Van Dort, L., Guthrie, A., **Fan, Y.**, & Bass, G. (2019). Advancing Transportation Equity: Research and Practice. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2770>
69. Guthrie, A., **Fan, Y.**, Khani, A., & Nowak, J. (2019). Multimodal Connections with Transitways: Ridership, Access Mode, and Route Choice Implications. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2758>
70. Douma, F., Cao, J., Corcoran, H., **Fan, Y.**, Lari, A., Rohde, B., Alarcon, F., Dame, R., Karner, K. (2019). The ABC Parking Ramps in Minneapolis: A Unique Past. A Visionary Future. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2764>
71. Guthrie, A., **Fan, Y.**, Crabtree, S., Burga, F. (2019) Those Who Need it Most: Maximizing Transit Accessibility and Removing Barriers to Employment in Areas of Concentrated Poverty. Center for

- Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2768>
72. **Fan, Y.***, **Guthrie, A.**, & **Das, K.** (2016). Spatial and Skills Mismatch of Unemployment and Job Vacancies. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2524>
 73. **Guthrie, A.** and **Fan, Y.** (2016). Economic Development Impacts of Bus Rapid Transit. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2490>
 74. **Fan, Y.*** and **Das, K.** (2015) *Assessing the Impacts of Student Transportation on Public Transit*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2488>
 75. Levinson, D., Boies, A., Cao, J., and **Fan, Y.** (2015). *The Transportation Futures Project: Planning for Technology Change*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2482>
 76. Cao, J., **Fan, Y.**, **Guthrie, A.**, and Zhang, Y. (2015). *Exploring Strategies for Promoting Modal Shifts to Transitways*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2478>
 77. Levinson, D., Lindsey, G., **Fan, Y.**, Cao, J., Iacono, M., Brosnan, M., **Guthrie, A.**, and Schoner, J. (2015). *Travel Behavior Over Time*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2460>
 78. **Fan, Y.*** (2015). *National Transit Map - United States: Methodology Report*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2470>
 79. **Fan, Y.***, Wolfson, J., Adomavicius, G., **Das, K.**, **Khandelwal, Y.**, and **Kang, J.** (2015). *SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2424>
 80. **Fan, Y.*** and **Guthrie, A.** (2013). *Research on How to Achieve System-Level, Transit Oriented Jobs-Housing Balance*. Research conducted for the Twin Cities Metropolitan Council as part of the Corridors of Opportunity Initiative funded by the U.S. Department of Housing and Urban Development. Available at <http://www.corridorsofopportunity.org/activities/u-of-m-research>
 81. **Fan, Y. ***, **Tilahun, N.** (2012). *Maximizing the Benefits of Transitway Investment*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2136>
 82. **Fan, Y. ***, **Chen, Q.**, Liao, C., and Douma, F. (2012). *Smartphone-Based Travel Experience Sampling and Behavior Intervention among Young Adults*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2142>
 83. **Fan, Y. *** and **Guthrie, A.** (2012). *Assessing Neighborhood and Social Influences of Transit Corridors*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=2162>

84. **Fan, Y.*** and **Huang, A.** (2011). *How Affordable is Transportation? A Context-Sensitive Evaluation Framework*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/pdfdownload.pl?id=1532>
85. **Fan, Y.***, **Guthrie, A.**, and **Teng, R.** (2010). *Impact of Twin Cities Transitways on Regional Labor Market Accessibility: A Transportation Equity Perspective*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1940>
86. Renne, J., **Fan, Y.**, and et al. (2010). *State of the Transportation Planning*. Transportation Planning Division, American Planning Association. Available at http://www.apa-tpd.org/TPDAnnualReport_files/TPD_State_of_Transportation_%282010%29.pdf
87. **Kirk, K.**, **Fan, Y.**, and et al. (2010). *Framework for Measuring Sustainable Regional Development for the Twin Cities Region*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1886>
88. Douma, F., **Fan, Y.**, and et al. (2010). *Itasca County Area Transportation Study*. Center for Transportation Studies, University of Minnesota. Available at <http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1840>

Grants

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|------|---|
| 2019 | G1. Metropolitan Council, Parking FlexPass at ABC Ramps: Integrating Parking and Transit Options for Sustainable Mobility. October 2019- December 2020, \$600,000 |
| | G2. Hennepin County and the Metropolitan Council. Value of Transitways to Regional Economies: National and Twin Cities Perspectives. January 2019 -July 2020. \$65,000. |
| 2018 | G3. National Science Foundation. SCC: Leveraging Autonomous Shared Vehicles for Greater Community Health, Equity, Livability, and Prosperity (HELP) . Y. Fan (Co-Principal Investigator); Z. Zhang (Principal Investigator). September 2018 – August 2020, \$1,750,856. |
| 2017 | G4. Shenzhen Urban Transportation Planning Center. Measuring Travel Happiness in Shenzhen: Framework and Application. Y. Fan (Principal Investigator). April 2017 – December 2017. \$72,553. |
| | G5. Hennepin County and the Metropolitan Council. Multimodal Connections with Transitways: Ridership, Access Mode and Route Choice Implications. July 2017 – December 2018. \$65,000. |
| 2016 | G6. Metropolitan Council. Smartphone-Based Interventions for Sustainable Travel Behavior. Y. Fan (Principal Investigator). December 2016-December 2018. \$375,000. |
| | G7. Minnesota Department of Transportation. ABC Ramps Transportation Options. Y. Fan (Co- Investigator); F. Douma (Principal Investigator). December 2016-October 2018. \$198,980. |
| 2015 | G8. National Science Foundation. SRN: Integrated Urban Infrastructure Solutions for Environmentally Sustainable, Health and Livable Cities. Y. Fan (Co-Principal Investigator); A. Ramaswami (Principal Investigator). August 2015 - August 2019. \$12,000,000. |
| | G9. Hennepin County and the Metropolitan Council. Those who Need it Most: Maximizing Transit Accessibility and Removing Barriers to Employment in Areas of Concentrated Poverty. Y. Fan (Principal Investigator). November 2015-November 2016. \$89,286. |
| | G10. Minnesota Department of Transportation. Transportation Futures. Y. Fan (Co-Investigator); D. |

- Levinson (Principal Investigator). June 2013-June 2015. \$100,000.
- 2014 G11. McKnight Foundation, Hennepin County, and Phillips Family Foundation. Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. Y. Fan (Principal Investigator). November 2014-March 2016. \$175,043.
- G12. Metro Transit. Assessing the Impacts of Student Transportation on City Buses and Trains. Y. Fan (Principal Investigator). July 2014-June 2015. \$29,991.
- G13. Hennepin County and the Metropolitan Council. Economic Development Impacts of Bus Rapid Transit. Y. Fan (Co-Investigator); A. Guthrie (Principal Investigator). March 2014-January 2016. \$63,220.
- G14. Hennepin County. Evaluation of Hennepin County Community Works Program. Y. Fan (Principal Investigator). February 2014-December 2014. \$40,000.
- 2013 G15. Metropolitan Council. Specific Strategies for Achieving Transit-Oriented Economic Development: Applying National Lessons to the Twin Cities. Y. Fan (Principal Investigator). November 2013-June 2016. \$86,102
- G16. U.S. Department of Transportation Federal Highway Administration. SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. Y. Fan (Principal Investigator). June 2013-February 2015. \$148,406 (Utility patent application filed in August 2015).
- G17. Minnesota Department of Transportation. Travel Behavior Over Time. Y. Fan (Co-Investigator); D. Levinson (Principal Investigator). June 2013-June 2015. \$261,635
- 2012 G18. National Institute for Transportation & Communities. Understanding the Transit-Dependent Population. Y. Fan (Co-Investigator); J. Dill (Principal Investigator). November 2012-May 2014. \$105,931
- G19. Hennepin County and Twin Cities Metropolitan Council. Transit Station and Stop Design and Travel Time Perceptions. Y. Fan (Principal Investigator). November 2012-May 2014. \$79,963
- G20. Minnesota Department of Transportation. Exploring Strategies for Promoting Modal Shifts to Transitways. Y. Fan (Co-Principal Investigator); J. Cao (Principal Investigator). June 2013-December 2014. \$112,066
- 2011 G21. University of Minnesota Obesity Prevention Center. Park Improvements, Behavioral Intervention, and Adult Obesity. Y. Fan (Principal Investigator). February 2011-February 2012. \$49,913
- G22. University of Minnesota Center for Urban and Regional Affairs. Park Improvements, Behavioral Intervention, and Childhood Obesity. Y. Fan (Principal Investigator). February 2011-February 2012. \$15,000
- G23. U.S. Department of Housing and Urban Development. Toward transit-oriented jobs-housing balance: How to get there from here? Y. Fan (Principal Investigator). January 2011-July 2012. \$99,678
- G24. U.S. Department of Transportation Federal Highway Administration. Smartphone-Based Travel Experience Sampling and Behavior Intervention among Young Adults. Y. Fan (Principal Investigator). January 2011-July 2012. \$88,402
- 2010 G25. Surdna Foundation, McKnight Foundation, and Phillips Family Foundation. Enterprising Twin Cities Transitways: Regional Competitiveness and Social Equity in an Integrated Land Use Transit Context. Y. Fan (Principal Investigator). November 2010-May 2012. \$222,000

- G26. Central Corridor Funders Collaborative; Minnesota Department of Transportation; Center for Transportation Studies; and Hennepin County. Assessing Neighborhood and Social Influences of Transit Corridors. Y. Fan (Principal Investigator). February 2010-August 2011. \$125,409
- G27. Peking University - Lincoln Institute Center for Urban Development and Land Policy. Can Urban Poor in China Escape Spatial Mismatch? Y. Fan (Principal Investigator). January 2010-January 2011. \$15,000
- 2009 G28. University of Minnesota Minnesota Futures Symposium Grant. Blueprint for a Green, Healthy, and Livable Future: A symposium on transdisciplinary research in policy, planning, engineering, health, law, and humanities. Y. Fan (Co-Principal Investigator); G. Lindsey (Principal Investigator). November 2009-November 2010. \$25,000
- G29. University of Minnesota Center for Transportation Studies. How Affordable is Transportation? An Accessibility-Based Evaluation. Y. Fan (Principal Investigator). September 2009-September 2010. \$30,000
- G30. McKnight Foundation. Framework for Measuring Sustainable Regional Development for the Twin Cities Region. Y. Fan (Co-Investigator); E. Goetz (Principal Investigator). September 2009-January 2010. \$50,000
- G31. Blandin Foundation. Itasca County Area Transportation Study. Y. Fan (Co-Investigator); F. Douma (Principal Investigator). August 2009-December 2009. \$58,000
- G32. Minnesota Population Center. Urban Form and American Time Use: A Longitudinal Examination of Geographic Influences of Health-Related Behavior. Y. Fan (Principal Investigator). July 2009-July 2010. \$10,000
- G33. University of Minnesota Consortium for the Study of the Asias and Office of International Programs. Developing U.S.-China University Partnerships in Transportation Research and Urban Planning Education. Y. Fan (Principal Investigator). July 2009-October 2009. \$2,370
- G34. University of Minnesota Children, Youth and Family Consortium. Neighborhood Design, Family Activities, and Child Well-Being. Y. Fan (Principal Investigator). June 2009-June 2013, \$100,000
- G35. University of Minnesota Grant-in-Aid of Research, Artistry and Scholarship Program. Urban Form and American Time Use: Spatial Influence on Health-Related Behaviors. Y. Fan (Principal Investigator). January 2009-July 2010. \$29,380
- 2008 G36. Minnesota Department of Transportation and the Hennepin County. Impact of Twin Cities Transitways on Regional Labor Market Accessibility: A Transportation Equity Perspective. Y. Fan (Principal Investigator), November 2008-May 2009. \$58,383

Media Appearances

- [Metro Transit bets big on the appeal of rapid buses to boost ridership](#), Star Tribune, December 24, 2019
- <https://thewire.in/government/looking-beyond-the-economics-of-free-public-transport-for-women>, The Wire, June 18, 2019
- [Want a happy commute? Researchers point to travel by bicycle](#), Star Tribune, April 25, 2019
- [Metro Transit aims to improve quality of service on light rail, buses](#), Star Tribune, March 20, 2019
- [Cycling is the happiest form of transport](#), Treehugger.com, March 1, 2019

- [Unemployed and living far away from jobs](#), AXIOS, February 22, 2019
- [App promotes sustainable transportation options to UMN contract parkers](#), Minnesota Daily, February 8, 2019
- [Conservative 'think tank' uses suspect study to blame Dayton, Met Council for traffic](#) City Pages, June 20, 2017
- [Could these be solutions to Twin Cities traffic problems?](#) Pioneer Press, June 16, 2017
- [What's to blame for Twin Cities traffic congestion: regional growth or bad public policy?](#) Star Tribune, June 5, 2017
- [The Wait for the Bus Feels Longer If Your Stop Is Near Heavy Traffic](#), Streetsblog USA, January 11, 2017
- [Transit and training crucial to connecting unemployed with jobs](#), Science Daily, July 29, 2016
- [How the Twin Cities' Transit Expansion Will Improve Access to Jobs](#), Citylab, July 13, 2016
- [Study: Transit pass program brings academic, social and economic benefits to MPS students](#), Star Tribune, March 15, 2016
- [Comment rendre moins longue l'attente à un arrêt de bus](#), Slate France, February 4, 2016
- [Rapid bus lines as economic drivers](#), Finance and Commerce, February 4, 2016
- [The Secret Weapon That Could Make Waiting for the Bus Less Terrible](#), Atlas Obscura, February 3, 2016
- [Golden Valley Researcher Finds Gender Differences with Commutes](#), Channel 12, September 19, 2015
- [U of M study looks a gender differences in commuting times](#), Star Tribune, September 7, 2015
- [Women Still Do More Traveling Than Men for Household Errands](#), Citylab.com, August 20, 2015
- [Planting Trees Could Make Public Transit Wait Times Feel Shorter](#), The Atlantic, August 18, 2015
- [The Twin Cities Find the Key to a Happy Commute](#), NationSwell.com, October 10, 2014
- [Why it takes 13.75 hours of minimum-wage work to earn a Metrocard in New York](#), Guardian, September 29, 2014
- [A Basic Shelter Can Make the Wait for the Bus Feel Shorter](#), Citylab.com, September 18, 2014
- [Study: Transit amenities affect perceived wait times](#), Star Tribune, September 4, 2014
- [Job recovery? Yes. Shorter commutes? Reverse commuters struggle](#), Star Tribune, July 13, 2014
- Esme Murphy Show, WCCO Radio, June 13, 2014
- [Streetcars and Recovery](#), Planetizen, December 11, 2013
- [How the Streetcar Shaped Post-Katrina New Orleans](#), The Atlantic, November 29, 2013
- [Low-wage workers need transit options](#), StarTribune, November 24, 2013
- [How to sell employers and developers on #TOD. Same issues in #SD](#) (reprint), Move San Diego (Facebook), August 28, 2013
- [Overcoming barriers to transit-oriented development](#) (reprint), California Department of Housing and Community Development (CDHCD) news, August 30, 2013

- [Overcoming barriers to transit-oriented development](#) (reprint), Sarasota Manatee Metropolitan Planning Organization newsletter, August 28, 2013
- [Overcoming barriers to transit-oriented development](#), Better! Cities & Towns, August 28, 2013
- [How to Sell Developers and Employers on Transit-Oriented Development](#), DC.STREETSBLOG.org, August 27, 2013
- [The Glean: There's a report for everything, and the latest offers info about developers and companies planning around the expanding LRT system.](#) MinnPost, August 22, 2013
- [Achieving System-Level, Transit-Oriented Jobs-Housing Balance: Perspectives of Twin Cities Developers and Business Leaders](#), Reconnecting America, August 23, 2013
- [U OF Minnesota Report Gives TOD Tips](#), USHSR News, August 29, 2013
- [Report: Barriers prevent employers from locating near transit](#), Minneapolis–St. Paul Business Journal, August 22, 2013
- [Transit: New report recommends ways for developers to attract tenants near projects](#), Pioneer Press, August 21, 2013
- [Do we really need mass transit to limit our dependence on cars?](#) MinnPost, June 11, 2013
- [Crunching the numbers in transit corridors](#), Finance & Commerce, June 5, 2013
- [From blight to boom: Development transforms 400 block of Nicollet Mall](#), Start Tribune, May 11, 2013
- The Daily Circuit , Minnesota Public Radio, November 29, 2012
- [Top priority for transitway development should be employers and jobs](#), Twin Cities Daily Planet, May 26, 2012
- [Proximity to LRT stations raises home values for some](#), Finance and Commerce, March 19, 2012
- [Connecting Low-Wage Workers With Job Opportunities](#), Reconnecting America's Half-Mile Circles Expert Blog, September 11, 2010
- Minneapolis Park and Recreation Board Meeting, Live Broadcast on Channel 14, August 18, 2010
- Weekly Public Affair Radio Show, Access Minnesota, April 16, 2010
- [U of M study: light-rail line helping job access](#), Twin Cities Business Journal, March 30, 2010

Presentations

Invited Presentations

Happy Cities: Maximizing Human Well-Being through Urban Design in China and the U.S. *Advancing Urban Sustainability in China and the United States: A National Academies Workshop in Collaboration with the Chinese Academy of Sciences*. National Academy of Sciences, Washington, D.C., United States. 12/16/2019

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. *University of Minnesota Spatial Forum*, Minneapolis, MN. 11/12/2019.

Urban Planning and Health Equity. *University of Minnesota Health Equity Seminar*, Minneapolis, MN. 11/11/2019.

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. *School of Data Science, City University of Hong Kong*, Hong Kong. 7/2/2019.

Measuring Transportation Happiness: A Case Study of Urban Commuters in Shenzhen, China. Harbin, China. 6/24/2018

Measuring Transportation Happiness: A Case Study of Urban Commuters in Shenzhen, China. Beijing Jiaotong University, Beijing, China. 6/21/2018

Measuring Transportation Happiness: A Case Study of Urban Commuters in Shenzhen, China. Beijing University of Technology, Beijing, China. 6/20/2018

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. *Hohai University*, Nanjing, China. 6/5/2019.

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. *Shenzhen University*, Shenzhen, China. 5/30/2019.

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. *Beijing University of Technology*, Beijing, China. 5/24/2019.

Maximizing Transportation Happiness using Smartphone-Based Travel Behavior and Experience Data. Tongji University, Shanghai, China. 12/20/2018

Happy Cities: The Role of Transportation. *The Fourth World Metropolitan Transport Development Forum*. Beijing, China. 10/25/2018.

Happy Cities: The Role of Transportation. *Central South University*. Changsha, China. 10/19/2018.

Improving Transit Service Quality using Transportation Happiness Research. The 8th Development Forum of Transit Metropolis. Shenzhen, China. 10/12/2018

The Multimodal Nature of Urban Rail Transit Development. Peking University Shenzhen Graduate School. Shenzhen, China. 10/13/2018

SCC: Leveraging Autonomous Shared Vehicles for Greater Community Health, Equity, Livability, and Prosperity (HELP). *NSF Smart and Connected Communities PI Meeting*. Denver, Colorado, United States. 4/1/2019

Urban Rail Transit's Multimodal Future: Lessons from the U.S. and Europe, *2017 China Urban Rail Transit Forum*, Beijing, China. 6/20/2017

Happy Cities: The Role of Transportation. *Peking University*, Beijing, China. 6/19/2017.

Happy Cities: The Role of Transportation. *Suzhou University of Science and Technology*, Shenzhen Urban Transportation Planning Center, Shenzhen, China. 5/27/2017.

Happy Cities: The Role of Transportation. *Suzhou University of Science and Technology*, Suzhou, China. 5/17/2017.

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Hennepin County Regional Railroad Authority*, Minneapolis, United States. 4/25/2017.

Rail Transit Revival in Urban America: The Truth and the Future. *Rail Transit Systems Committee Meeting*. Transportation Research Board, Washington D.C., United States. 1/9/2017.

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Twin Cities Metro Transit*, Minneapolis, United States. 1/24/2017.

Happy Cities: The Role of Transportation. *Chang'an University, Xi'an, China. 12/13/2016.*

Happy Cities: The Role of Transportation. *Sun Yat-Sen University, Guangzhou, China. 12/12/2016.*

Happy Cities: The Role of Transportation. *Southeast University, Nanjing, China. 12/6/2016.*

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Hennepin County Comprehensive Plan Idea Forum, Minnetonka, United States. 11/30/2016.*

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Minneapolis Downtown Council, Minneapolis, United States. 11/8/2016.*

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Citizens League Transit Study Committee Meeting, Minneapolis, United States. 10/27/2016.*

Transit Stops and Stations and Waiting Time Perceptions. *Center for Transportation Studies Planning and Economy Council Meeting, Minneapolis, United States. 9/28/2016.*

Transitways and Twin Cities Neighborhoods: Concerns and Project Responses. *Riverview Policy Advisory Committee Meeting, St Paul, United States. 9/8/2016*

American Made Transit Metropolis: The Truth and the Future. *Xiamen Urban Transportation Center, Xiamen, China. 7/12/2016.*

American Made Transit Metropolis: The Truth and the Future. *The 16th COTA International Conference of Transportation Professionals, Shanghai, China. 7/7/2016.*

Happy Cities: The Role of Transportation. *Beijing Normal University, Beijing, China. 7/4/2016.*

Daynamica: A Smartphone Solution for Travel and Activity Capturing. *The 11th International Association for China Planning Conference, Beijing, China. 7/3/2016.*

Happy Cities: The Role of Transportation. *Annual Mobility Management Conference Keynote Speech. New York City Department of Transportation, New York City, United States. 5/18/2016.*

Spatial and Skills Mismatch of Unemployment and Job Vacancies: Opportunities for Integrated Transit and Workforce Development. *Center for Transportation Studies Executive Committee, Minneapolis, United States. 2/25/2016.*

SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. *The 3rd Arab-American Frontiers symposium, King Abdullah University of Science and Technology (KAUST), Saudi Arabia. 12/6/2015.*

SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. *University of South Florida Transportation Research Seminar, Tampa, FL. 11/20/2015.*

The Role of Transit in Supporting Our Region's Competitive Clusters. *Twin Cities Metropolitan Council Committee of the Whole, St. Paul, MN. 9/2/2015.*

Assessing the Impacts of Student Transportation Using City Buses and Trains. *Metro Transit Senior Staff Meeting, Minneapolis, MN. 8/11/2015.*

SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. *The 15th COTA International Conference of Transportation Professionals, Beijing, China. 7/25/2015.*

SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. *College of Transportation Science and Engineering, Nanjing Tech University, Nanjing, China. 7/13/2015.*

SmarTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing. *School of Transportation, Southeast University, Nanjing, China.* 6/17/2015.

Planning for Prosperity and Equity in Transit Corridors: Better Measurements and Greater Relevance. *Federal Transit Administration (FTA), Washington, DC.* 1/12/2015.

The SPLASH Project: Implications for Addressing Health Inequity. *Minnesota Children and Nature Connection, Maplewood, MN.* 11/5/2014.

Transit Stops and Stations and Waiting Time Perceptions. *Metro Transit Senior Staff Meeting, Minneapolis, MN,* 8/26/2014.

Transit and Regional Economic Competitiveness. *Hennepin County Southwest LRT Community Works Steering Committee Meeting,* 6/19/2014.

Keeping Transportation Affordable. *National Conference of State Legislatures – Transportation Pre-Conference,* Washington, DC. 12/2/2013.

Results of interviews with developers and business leaders about TOD. *Twin Cities Metropolitan Council Community Development Committee Meeting,* St. Paul, MN. 6/3/2013

Achieving system-level, transit oriented jobs-housing balance. *Southwest LRT Community Works Steering Committee,* St. Louis Park, MN. 5/16/2013

UbiActive: Smartphone-based tool for trip detection and travel-related physical activity assessment. *Transportation Research Board New Technologies Subcommittee Meeting,* Washington, D.C. 1/16/ 2013

Transit, equity, and regional economic development. *Humphrey School Dean's Advisory Council Meeting,* 10/23/2012

Enterprising Twin Cities transitways. *Twin Cities Metro Transit Staff Meeting,* Minneapolis, MN. 9/11/2012

Research on how to achieve system-level transit-oriented jobs-housing balance. *Twin Cities Metropolitan Council Transportation Committee Meeting,* Minneapolis, MN. 9/10/2012

Transit, equity, and regional economic development: Lessons from the Twin Cities. *Twin Cities Metro Transit Brown Bag Seminar Series,* Minneapolis, MN. 6/29/2012

Impact of Twin Cities transitways on regional labor market accessibility: A transportation equity perspective. *Twin Cities Metro Transit Staff Meeting,* Minneapolis, MN. 6/12/2012

The role of transitways in our region's economic competitiveness (Opening Session Speaker). *The 23rd Annual Transportation Research Conference,* St. Paul, MN. 5/23/2012

The SPLASH project: Parks, physical activity, and obesity prevention. *Obesity Research Group,* UMN. 5/22/2012.

Transitway impacts: Accessibility, neighborhood change, and regional competitiveness. *National Center for Smart Growth,* University of Maryland, College Park, MN. 2/28/2012.

Transit, accessibility, and neighborhood change: Whether and how to evaluate the impacts. *Transit Forum with Jim Oberstar,* Minneapolis, MN. 2/24/2012

Community, culture, and park use. *Twin Cities Urban Sustainability Forum,* St. Paul, MN. 11/3/2011.

Culture, community and park use. *Humphrey Students of Color Association (HSOCA) Dialogue on Race Speaker Event,* 10/18/2011

Where are families to live and play? Urban form and family functioning. *Department of Geography Coffee*

Hour Seminar Series, UMN. 10/7/2011.

Community, culture, and park use. *Active Living Hennepin County Partnership Meeting, New Hope, MN. 10/5/2011.*

Assessing neighborhood and social influences of transit corridors. *Ramsey County Board Meeting, Saint Paul, MN. 10/4/2011.*

Assessing neighborhood and social influences of transit corridors. *American Planning Association Minnesota Chapter Conference, St. Cloud, MN. 9/29/2011.*

Assessing neighborhood and social influences of transit corridors. *City of Saint Paul Planning Department, Saint Paul, MN. 5/17/2011.*

Evaluations of the Central Corridor project. *Minnesota Evaluation Association, Saint Paul, MN. 4/14/2011.*

Park improvements and family health: A discussion of the SPLASH project. *Human Capital Research Collaborative Brown Bag Seminar, 2/15/2011.*

Assessing neighborhood and social influences of transit corridors. *Hennepin-University Partnership Symposium, Minneapolis, MN. 2/4/2011*

Can urban poor in china escape spatial mismatch? Employment distribution and job access in beijing, China. *Global Policy Workshop at Freeman Center for International Economic Policy, 2/1/2011.*

Can light rail transit improve job access for low-wage workers? *Humphrey School Dean's Advisory Council Meeting, 10/14/2010*

The SPLASH project: Survey of parks, leisure-time activity, and self-reported health. *Minneapolis Park and Recreation Board Meeting, Minneapolis, MN. 8/18/2010.*

Space use, time use, and urbanism. *University of Gävle, Gävle, Sweden. 6/11/2010.*

Setting the agenda for transitway research. *Center for Transportation Studies Strategic Committee Meeting, UMN. 5/10/2010.*

The Impact of Twin Cities transitways on regional labor market accessibility. *Hennepin-University Partnership Symposium, Minneapolis, MN. 1/29/2010.*

Urban china in transition. *China-Humphrey Initiative Brown Bag Lunch Event, 10/1/2009.*

Does urban form matter in solo versus joint activity engagement? *Transportation College, Southeast University, Nanjing, China. 5/25/2009.*

Are we coming together or coming apart? The emerging urbanism. *Peking University - Lincoln Institute, Beijing, China. 5/22/2009.*

Household excess travel and neighborhood characteristics: Associations and trade-offs. *Beijing Transportation Research Center, Beijing, China. 5/19/2009.*

Are we coming together or coming apart? The emerging urbanism. *Regional Planning & Policy Brownbag Seminar, 2/25/2009.*

Urban form and activity engagement. *Center for Transportation Studies Research Scholars Meeting, UMN. 12/17/2008.*

Using GIS-T to synchronize land and infrastructure development. *Minnesota Statewide Travel Demand Coordinating Committee Meeting, Minnesota Department of Transportation, Roseville, MN. 12/8/2008.*

Using GIS-T to synchronize land and infrastructure development. *Metropolitan Council Regional Modeling Group Meeting*, St. Paul, MN. 12/5/2008.

Refereed Research Conference Presentations

Workers' Residential Choices Around Growing Rapid Transit Systems. Poster presentation at the *Transportation Research Board 96th Annual Meeting*, Washington, D.C., January 8-12, 2017.

Accessibility Scenario Analysis of Hypothetical, Future Transit Network: Social Equity Implications of GTFS-Based, Sketch Planning Tool. Poster presentation at the *Transportation Research Board 96th Annual Meeting*, Washington, D.C., January 8-12, 2017.

Review of State-of-the-Art Smartphone Apps for Travel Data Collection and Energy-Efficient Strategies. Podium presentation at the *Transportation Research Board 96th Annual Meeting*, Washington, D.C., January 8-12, 2017.

Perception of Transfer Waiting Time at Stops and Stations in Nanjing, China. Poster presentation at the *Transportation Research Board 96th Annual Meeting*, Washington, D.C., January 8-12, 2017.

On-the-Fly Trip Purpose Prediction Using Google Places Information: Application of Statistical and Machine Learning Methods. Poster presentation at the *21st International Conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 10-12, 2016.

Educational Outcomes of Expanded Student Transportation Options: Impacts of Student Transportation Using Public Transit on School Attendance and Academic Success. Poster presentation at the *56th Annual Conference of the Association of Collegiate Schools of Planning*. Portland, Oregon. November 3-6, 2016.

Exploring the Link between Subjective Well-Being and Infrastructure: Interviews in Delhi, India. Poster presentation at the *56th Annual Conference of the Association of Collegiate Schools of Planning*. Portland, Oregon. November 3-6, 2016.

Decade-Long Changes in Spatial Mismatch in Beijing, China: Are Disadvantaged Populations Better or Worse Off? Podium presentation at the *56th Annual Conference of the Association of Collegiate Schools of Planning*. Portland, Oregon. November 3-6, 2016.

Jobs, Social Equity and Growing Transit Systems: A National, Empirical Inquiry. Podium presentation at the *56th Annual Conference of the Association of Collegiate Schools of Planning*. Portland, Oregon. November 3-6, 2016.

Exploring Smartcard Passenger Flow Database Using Space-Time Plots and Data Cubes. Podium presentation at the *Workshop on ICT, Activities, Time Use and Travel*, Nanjing University, Nanjing, China, July 16-17, 2016

Weakening Obstacles to Transit Use: Changes in Relationships with Child Rearing and Automobile Access from 2000 to 2010. Podium presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Transit Riders' Perception of Waiting Time and Environment Surrounding Stops. Podium presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Battery-Efficient Location Change Detection for Smartphone-Based Travel Data Collection: A Wi-Fi Fingerprint Approach. Poster presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Jobs, Social Equity, and Growing Transit Systems: A National, Empirical Enquiry. Poster presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Assessing the Impacts of Student Transportation via Transit on Student Attendance and Academic Achievement. Poster presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Local Support of Light Rail in the Twin Cities. Podium presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Apps and Battery-Efficient Technologies for Smartphone-Based Travel Data Collection: State of the Art. Poster presentation at the *Transportation Research Board 95th Annual Meeting*, Washington, D.C., January 10-14, 2016.

Evaluating strategies to promote park use in low-income minority communities: Implications for Addressing Health Inequities. Podium presentation at the *Association of Collegiate Schools of Planning (ACSP) 55th Annual Conference*, Houston, TX, October 22-25, 2015.

Perception of Waiting Time at Transit Stops and Stations. Poster presentation at the *Transportation Research Board 94th Annual Meeting*, Washington, D.C., January 11-15, 2015.

Developers' Perspectives on Transit-Oriented Development. Poster presentation at the *Transportation Research Board 94th Annual Meeting*, Washington, D.C., January 11-15, 2015.

Regional Transit and Regional Accessibility. Podium presentation at the 25th Annual CTS Transportation Research Conference, St. Paul, May 21-22, 2014.

Transit and access to jobs in competitive clusters. Podium presentation at the *Transportation Research Board 92th Annual Meeting*, Washington, D.C., January 13-17, 2013.

Doing business around transitways: Survey research on business perceptions of Twin Cities transit projects. Podium presentation at the *Transportation Research Board 92th Annual Meeting*, Washington, D.C., January 13-17, 2013.

UbiActive: Smartphone-based tool for trip detection and travel-related physical activity assessment. Podium presentation at the *Transportation Research Board 92th Annual Meeting*, Washington, D.C., January 13-17, 2013.

Doing business around transitways: Survey research on business perceptions of Twin Cities transit projects. Podium presentation at the *2012 American Planning Association Minnesota Chapter Conference*, Alexandria, MN. September 26-28, 2012.

Smartphone-based travel experience sampling and behavior intervention among young adults. Podium presentation at the *23rd Annual Transportation Research Conference*, St. Paul, MN. May 23-24, 2012.

Different types of spatial mismatch: U.S.-China comparison of poverty concentration and low-skill job distribution. Podium presentation at the *2012 Inaugural International Research Conference*, University of Minnesota, Minneapolis, MN. February 17, 2012.

Family structure and park use: Implications to the active living agenda. Poster presentation at the *Active Living Research Annual Conference*, San Diego, CA, March 12-14, 2012.

Smartphone-based travel experience sampling and behavior intervention among young adults. Poster presentation at the *Transportation Research Board 91th Annual Meeting*, Washington, D.C., January 22-26, 2012.

Winners or losers: Individual perceptions of transit-induced neighborhood change. Podium presentation at the *Transportation Research Board 91th Annual Meeting*, Washington, D.C., January 22-26, 2012.

Family functioning as a mediator of neighborhood influences on children's health. Podium presentation at the *52nd Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Salt Lake City, UT, October 13-16, 2011.

The impact of light rail implementation on labor market accessibility: A transportation equity perspective. Podium presentation at the *World Symposium on Transport and Land Use Research*, Whistler, British Columbia, Canada, July 28-30, 2011.

Can the urban poor in China escape spatial mismatch? Podium presentation at *the Symposium on China's Urban Development and Land Policy*, Beijing, China, July 16-17, 2011.

The impact of light rail implementation on labor market accessibility: A transportation equity perspective. Podium presentation at the *Transportation Research Board 90th Annual Meeting*, Washington, D.C., January 23-27, 2011.

Gender and family as modifiers of the urban form and travel connection. Podium presentation at the *Transportation Research Board 90th Annual Meeting*, Washington, D.C., January 23-27, 2011.

Can light rail transit improve job access for low-wage workers? Podium presentation at the *51st Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Minneapolis, MN, October 17-19, 2010.

Streetcars and recovery: An analysis of post-Katrina building permits in New Orleans. Podium presentation at the *51st Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Minneapolis, MN, October 7-19, 2010.

Gender and family as modifiers of the urban form-travel connection. Podium presentation at the *51st Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Minneapolis, MN, October 7-19, 2010.

Urban greenness and stress restoration. Podium presentation at the *51st Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Minneapolis, MN, October 7-19, 2010.

Does urban form matter in solo and joint activity engagement decisions? Poster Presentation at the *Active Living Research Annual Conference*, San Diego, CA, February 9-11, 2010.

Planners' war against spatial mismatch: Past failures and future promises. Podium presentation at the *Transportation Research Board 89th Annual Meeting*, Washington, D.C., January 10-14, 2010.

Streetcars and recovery: Analysis of post-Katrina building permits around New Orleans streetcar lines. Podium presentation at the *Transportation Research Board 89th Annual Meeting*, Washington, D.C., January 10-14, 2010.

Socio-spatially integrated configurations of urbanism: Coexistence of agglomeration, suburbanization, gentrification, and segregation. Podium presentation at the *50th Anniversary ACSP Conference*, Crystal City, Virginia, October 1-4, 2009.

Socio-spatially integrated configurations of urbanism: Coexistence of agglomeration, suburbanization, gentrification, and segregation. Podium Presentation at the *11th International Conference on Computers in Urban Planning and Urban Management*, University of Hong Kong, Hong Kong, June 15-18, 2009.

Do "smart places" have less urban health penalty? Podium Presentation at the *47th International Making Cities Livable Conference*, Portland, OR, May 10-14, 2009.

Does urban form matter in solo and joint activity engagement decisions? Poster Presentation at the *Transportation Research Board 88th Annual Meeting*, Washington, D.C., January 11-15, 2009.

Impact of the built environment on travel distance and time costs: Trip-level analysis. Poster Presentation at the *Transportation Research Board 88th Annual Meeting*, Washington, D.C., January 11-15, 2009.

The role of dynamic information in supporting travel behavior changes: A two-stage travel decision process. Podium Presentation at the *Transportation Research Board 88th Annual Meeting*, Washington, D.C., January 11-15, 2009.

Portland's urban health penalty continues a decade-long decline: Has growth management played a role? Podium Presentation at the *Joint ACSP-AESOP Conference*, Chicago, IL, July 6-11, 2008.

Economic impact of traffic incidents on businesses. Poster Presentation at the *Transportation Research Board 87th Annual Meeting*, Washington, D.C., January 13-17, 2008.

Urban form, individual spatial footprints, and travel: Case-study of the Triangle area in North Carolina. Podium Presentation at the *Transportation Research Board 87th Annual Meeting*, Washington, D.C., January 13-17, 2008.

Evaluation of the Miami-Dade pedestrian safety demonstration project. Podium Presentation at the *Transportation Research Board 87th Annual Meeting*, Washington, D.C., January 13-17, 2008.

Household excess travel and neighborhood characteristics: Case of the Triangle area in North Carolina. Poster Presentation at the *Transportation Research Board 87th Annual Meeting*, Washington, D.C., January 13-17, 2008.

What do Intelligent Transportation Systems publications and patents tell us? Poster Presentation at the *Transportation Research Board 86th Annual Meeting*, Washington, D.C., January 21-25, 2007.

What can activity engagement tell us about daily drive time and walking time? Poster Presentation at the *Transportation Research Board 86th Annual Meeting*, Washington, D.C., January 21-25, 2007.

What exacerbates injury and harm in car-SUV collisions? Poster Presentation at the *Transportation Research Board 85th Annual Meeting*, Washington, D.C., January 22-26, 2006.

Do physical neighborhood characteristics matter in predicting traffic stress and health outcome? Podium Presentation at the *ACSP Conference*, Kansas City, MO, October 27-30, 2005.

Teaching

Courses Taught

University of Minnesota

- PA 8005: Doctoral Research Seminar in Public Affairs
- PA 8006: Current Research in Public Affairs: Topics, Approaches, and Cultures
- PA5209: Urban Planning for Health Equity (Graduate-Level; Lecture/Lab)
- PA 5880: Global Cities: High-Density Urban and Regional Development in China (Graduate-Level; study abroad)
- PA/CE 8202: Networks and Places (Graduate-Level; Lecture/Lab)
- PA 5211: Urban Land Use Planning (Graduate-Level; Lecture/Lab)
- PA 5271: GIS Applications in Planning and Policy Analysis (Graduate-Level; Lecture/Lab)
- PA 8081: Urban Park Planning and Public Health (Graduate-Level; Lecture/Workshop)

Students in this class won the 2011 Lloyd B. Short Award—the Humphrey School-wide award given to the best student project of the year.

University of Illinois at Chicago

- UPP 561: Urban Transportation Planning II: Policy Analysis (Graduate-Level; Lecture)
- UPP 562: Urban Transportation Planning III: Laboratory (Graduate-Level; Lecture/Lab)
- UPP 503: Data Analysis for Planning and Management (Graduate-Level; Lecture/Lab)

University of North Carolina at Chapel Hill

- GIS Workshop (Graduate-Level; Lab)
- PLAN247: Solving Urban Problems (Undergraduate-Level; Lecture)

Guest lectures

University of Minnesota

- PubH 6079: Obesity and Eating Disorders
- PA 8203: Neighborhood Revitalization: Theories and Strategies
- PA 5590: Economic Competitiveness: Firms, Clusters and Economic Development
- PA 5231: Transit Planning and Management
- PA 8204: Creating Good Work: Economic and Workforce Development
- PA 8081(7): State and Local Economic Development Strategies Workshop
- CE3201: Introduction to Transportation Engineering

Directed Studies

Thesis and Professional Paper Committees (Chair)

Kirti Das, *Neighborhood Environments and Subjective Well-Being*. PhD Thesis in Public Affairs, 2020.

Andrew Guthrie. *Suitability for and Active Promotion of Equitable Transit-Oriented Development*. PhD Thesis in Public Affairs, 2017

Andrew Guthrie. *Streetcars and Recovery: Analysis of Post--Katrina Building Permits around New Orleans Streetcar Lines*. Master Thesis in Urban and Regional Planning, 2010.

Yifei Wang. *Master Plan of Waterworks, Atlanta*. Professional Paper in Urban and Regional Planning, 2008.

Thesis and Professional Paper Committees (Member)

Roland Brown. *Statistical Methods for Smartphone Sensor Data*. PhD Thesis in Biostatistics, University of Minnesota, 2020.

Ania McDonnell. *Gender Mainstreaming for Planners*. Professional Paper in Urban Planning, 2020.

Mengying Cui. *Full cost analysis of accessibility*. PhD Thesis in Civil Engineering, University of Minnesota, 2015.

Chelsey Palmateer. *Designs for Justice Impacts of Accessibility and Equity Objectives on Network Design*. PhD Thesis in Civil Engineering, University of Minnesota, 2016.

Huyen Le. *Emotional Agents: Modeling Satisfaction, Habit, Attitude, and Perceptions in Travel Behavior*. PhD Thesis in Civil Engineering, Virginia Tech, 2016.

Nikhil Menon. *Autonomous Vehicles: An Empirical Assessment of Consumers' Perceptions, Intended Adoption,*

and Impacts on Household Vehicle Ownership. PhD Thesis in Civil Engineering, University of South Florida, 2017.

Andrew Owen. *Modeling the Commute Mode Share of Transit Using Continuous Accessibility to Jobs*. Master Thesis in Civil Engineering, 2013.

Qian Chen. *Analyzing the Economic Growth Data via Time-Varying Gaussian Graphical Models*. Master Thesis in Statistics, 2013.

Christopher Pulley. *Active Commuting in a District with a School Choice Policy*. Master Thesis in Epidemiology, 2013.

Xiaoyu Liu. *Study of Green Building Rating System in China Architectural Market*. Professional Paper in Architecture, 2013.

Anupam Srivastava. *Developing a New Density-Based Ramp Metering for Minnesota Freeways*. Master Thesis in Civil Engineering, 2011.

Aaron Wood. *Preserving Vernacular Architecture in Historic Tourist Destinations*. Master Thesis in Historic Preservation, 2011.

Nicole Armstead. *Historic Farmland Preservation*. Master Thesis in Architecture, 2011.

Libby Jensen. *Rural Green Space and Impacts on Physical Activity*. Master Thesis in Epidemiology, 2010.

Kevin Kuppe. *Non-Motorized Transit Oriented Development: The Case of the Harrison Neighborhood in Minneapolis*. Professional Paper in Landscape Architecture, 2010.

Pavithra Parthasarathi. *The Influence of Network Structure on Travel Behavior*. Ph.D. Dissertation in Civil Engineering, 2010.

Shawn Pearson. *Red Ribbon Ride Re-Routing Report*. Professional Paper in Urban and Regional Planning, 2009.

Independent Studies

Bao Han, *Transportation Barriers in Areas of Concentrated Poverty*, 2017

Yue Yue, *The Methodologies in Cost-Benefit Studies toward Railways*, 2017

Marina Reutler. *Waiting Area Environments and Waiting Time Perception at Transit Stops*. Summer 2015.

Adam Gardner. *Evaluating Transit Organizational Complexity*. Summer 2015.

Andrew Freerks. *An Examination of the Oakdale Bus Rapid Transit Station Area*. Spring 2013.

Laura Eash. *The Opportunities and Challenges of Updating Sun Ray Shopping Center*. Fall 2011.

Andrew Lee. *Small Commercial Node Analysis*. Fall 2011.

Spencer Agnew. *Evaluate Good Urban Form Using GIS*. Spring 2010.

Elizabeth Shevi. *A Practitioner's Journey through Implementing a Municipal Ordinance*. Fall 2008.

Service

Departmental

2019-2020 Ph.D. Program Director, Humphrey School, UMN

2019-2020	Chair, PhD Committee, Humphrey School, UMN
2019	Chair, STEP Faculty Search Committee, Humphrey School, UMN
2017-2019	Member, Admission Committee, Humphrey School, UMN
2017-2019	Member, Curriculum Committee, Humphrey School, UMN
2017	Member, STEP Faculty Search Committee, Humphrey School, UMN
2017	Interim Director, Urban and Regional Planning Program, Humphrey School, UMN
2016-present	Elected Member, Promotion and Tenure Committee, Humphrey School, UMN
2016	Member, Strategic Refresh Committee, Humphrey School, UMN
2014-present	Member, PhD Committee, Humphrey School, UMN
2014-2015	Member, Urban and Regional Planning Faculty Search Committee, Humphrey School, UMN
2012-2015	Member, Fellows Merit Committee, Humphrey School, UMN
2012-2015	Member, Diversity Committee, Humphrey School, UMN
2012	Member, Faculty Research Seminars Committee, Humphrey School, UMN
2010-2011	Member, Admission Committee, Humphrey School, UMN
2010	Member, Bolan Award Committee, Humphrey School, UMN
2009	Member, Einsweiler award Committee, Humphrey School, UMN
2008-2017	Concentration Chair, Land Use and Urban Design, Master of Urban and Regional Planning Program, Humphrey School, UMN.
2008-present	Faculty Panelist, Prospective Student Information Session, Humphrey School, UMN
2008-present	Faculty Panelist, Diversity Weekend, Humphrey School, UMN

University

2015-present	Director, Global Transit Innovations Program, UMN
2016-2017	Scholar in Residence, Urban Research and Outreach-Engagement Center, UMN
2016-2017	Member, Public Engagement Plan Committee, UMN
2012-2014	Member, System-wide Sustainability Committee, UMN
2011	Member, Judd Fellowship Review Panel, Office of International Programs, UMN.
2010-2012	Member, Global Spotlight Advisory Committee, Office of International Programs, UMN.
2008-2011	Member, Planning and Environment Council, Center for Transportation Studies, UMN.
2008-2011	Member, Research Conference Planning Committee, Center for Transportation Studies, UMN.

Professional

Editorial

- Managing Editor, Urban Studies, 2018-present

- Editor-in-Chief, Journal of Transport and Land Use, 2015-present
- Editorial Board Member, International Journal of Sustainable Transportation, 2015-present
- Editorial Board Member, Transportation Letters, 2016-present

Journal Article Review

- American Journal of Preventive Medicine
- BMJ OPEN (British Medical Journal)
- Computers, Environment and Urban Systems
- Environment and Behavior
- Environment and Planning B: Planning and Design
- Evaluation and Program Planning
- Geocarto International
- Habitat International
- Housing Policy Debate
- International Journal of Sustainable Transportation
- International Journal of Environmental Research and Public Health
- Landscape and Urban Planning
- Journal of Advanced Transportation
- Journal of American Planning Association
- Journal of Community Engagement and Higher Education
- Journal of Geographical Systems
- Journal of Health and Place
- Journal of Planning and Education Research
- Journal of Planning Literature
- Journal of Regional Science
- Journal of Transport and Land Use
- Journal of Transport Geography
- Journal of Urban Geography
- Journal of Urban Health
- Journal of Urban Planning and Development
- Medicine & Science in Sports & Exercise
- Pediatrics
- Science of the Total Environment

- Social Forces
- Social Science and Medicine
- The Social Science Journal
- Transportation
- Transportation Letters
- Transport Policy
- Transportation Research Part A
- Transportation Research Part C
- Transportation Research Record
- Urban Studies

Grant Proposal and Research Report Review

- Transit Cooperative Research Program, 2016-2017
- National Science Foundation Geography and Spatial Sciences Program, 2012-2015
- The City University of New York Collaborative Incentive Grant Program, 2014
- U.S. Department of Agriculture State Agriculture Experiment Stations Research Program, 2012
- New Zealand Ministry of Science and Innovation, 2012
- University of California Transportation Center, 2009, 2012, 2013
- University of Florida Center for Multimodal Solutions for Congestion Mitigation, 2012
- The Brookings Institution, 2011
- Mineta Transportation Institute, 2010
- University of Illinois at Chicago Campus Research Board, 2008

Conference Paper and Abstract Review

- COTA International Conference of Transportation Professional
- Transportation Research Board Annual Meeting (including Rail Transit Committee; Social and Economic Factors of Transportation Committee; Transportation and Land Development Committee; Women's Issues in Transportation Committee; Traveler Behavior and Values Committee; Travel Survey Methods Committee), 2005-2016
- International Conference on Women's Issues in Transportation
- International Conference on Travel Behavior Research
- Association of Collegiate Schools of Planning Annual Conference
- American Planning Association Minnesota Conference
- International Association for China Planning Conference
- World Society for Transport and Land Use Research Conference

- Transportation Research Conference

Conference Organizing and Moderating

- Conference Co-Chair, World Symposium on Transport and Land Use Research 2020, Portland, Oregon. July 13-16, 2020
- Theme Leader and Scientific Committee Member, World Symposium on Transport and Land Use Research 2017, Brisbane, Australia. July 3-6, 2017.
- Sustainability Working Group Member, WIIIT Paris 2014: Women's Issues in Transportation, Paris, France. April 14-16, 2014.
- Scientific Committee Member, The 13th Computers in Urban Planning and Urban Management Annual Conference, Utrecht, the Netherlands. July 2-5, 2013.
- Discussant, Transit: What Would Hubert Do? Policy Discussion Event featuring the Humphrey Policy Legacy, Minneapolis, MN. February 9, 2011
- Moderator/Discussant, Perspectives on Climate Change, Will Steger Foundation US-China Event, Minneapolis, MN. December 10, 2010
- Lead Conference Organizer, Minnesota Futures Symposium: Blueprint for a Green, Healthy, and Livable Future, Minneapolis, MN. April 30, 2010
- Session Moderator/Discussant, Travel Behavior and Sustainable Transportation, the 51st Association of Collegiate Schools of Planning Annual Conference, Minneapolis, MN. October 10, 2010

Professional Leadership and Membership

- Secretary and Member, Transportation Research Board Rail Transit Committee, 2016-present
- Elected Treasurer and Board Member, World Society for Transport and Land Use Research, 2011-present
- Member, Transportation Research Board Social and Economic Factors of Transportation Committee, 2015-present
- Member, Chinese Overseas Transportation Association, 2015-present
- Member, International Association for China Planning, 2009-present
- Member, Association of Collegiate Schools of Planning, 2009-present
- Member, North American China Overseas Transportation Association, 2006-2010
- Member, Transportation Research Board, 2004-present
- Member, American Planning Association (Founding Member of the Transportation Planning Division Research Committee), 2004-present

Community

- Advisor, Travel Forecast Technical Committee, Metropolitan Council, St. Paul, MN, 2016-present
- Elected Board Member, Transit for Livable Communities, Minneapolis, MN, 2011-2015
- Advisor on the Twin Cities Fair Housing Equity Assessment Project, Metropolitan Council, St. Paul, MN, 2012-2013
- Advisor, Bike Walk Twin Cities Board Committee, St Paul, MN, 2011-2012.

- Advisor on the Twin Cities Compass Neighborhood Indicators Project, Wilder Research Center, St Paul, MN, 2011
- Advisor on the Pilot Test of the Collaborative Decision-Making Framework Project, State and Local Policy Center, Minneapolis, MN, 2010
- Advisor on the North Minneapolis Food Access Project, NorthPoint Health and Wellness Center, Inc., Minneapolis, MN, 2010-2011.
- Advisor, Land Use Model Technical Advisory Group, Metropolitan Council, St Paul, MN, 2010-2012.
- Advisor on the North Minneapolis Community Engagement Project, Twin Cities Greenways, Minneapolis, MN, 2010-2012
- Lead Researcher for the Minneapolis Park and Recreation Board Park Use Survey, 2010-present
- Volunteer Researcher for Phillips Community Area Youth Activity Council, Minneapolis, MN, 2009-2010
- Volunteer Researcher for Jordan Parks Committee, Minneapolis, MN, 2009-2010
- Advisor on the Health Disparities in the Twin Cities Region Project, Blue Cross and Blue Shield of Minnesota Foundation and Wilder Research Center, St Paul, MN, 2009

Consulting

- Lead Consultant, International Transit Fare Comparison Project, World Resource Institute, 2018
- Lead Consultant, China Rail Transit Development Guidelines Project, China Academy of Urban Planning and Design, 2017-present
- Lead Consultant, China Urban Poor and Job Accessibility Project, World Bank, 2012-2013.
- Lead Consultant, Remaking Beijing into a World City by 2050 Project, Beijing Municipal Committee of Transport, China, 2010-2011.