

CURRICULUM VITAE (UPDATED ON 5.22.2014)

Yingling Fan, Ph.D.

Associate Professor, Urban and Regional Planning Program
McKnight Land-Grant Professor (2012-2014)
Humphrey School of Public Affairs, University of Minnesota
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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

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

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

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, Changsu City Council, China
1997-2001 Outstanding Student Award, Southeast University, China, 1997-2001

Publications

(underline denotes that coauthor was graduate student or research associate under my direct supervision)

Refereed Journal Articles

- 2014 P1. 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.
- 2013 P2. 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]
- P3. **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.
- 2012 P4. **Fan, Y.**, French, S., and Das, K. (2012). Family structure and park use among parents. *American Journal of Preventive Medicine*, 43(5), 520-526
- P5. **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.
- P6. **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.
- P7. **Fan, Y.** (2012). The planners' war against spatial mismatch: Lessons learned and ways forward. *Journal of Planning Literature*, 27(2) 153-169.
- P8. **Fan, Y.** and Guthrie, A. (2012) Winners or losers: Resident perceptions of transit-induced neighborhood change. *Transportation Research Record*, 2276, 89-100.
- P9. **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.
- P10. 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.
- 2011 P11. **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]
- P12. **Fan, Y.**, Khattak, A., and Rodriguez, D. (2011). Household excess travel and neighborhood characteristics: Associations and trade-offs. *Urban Studies*, 48(6), 1235-1253.
- 2010 P13. **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.
- P14. **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.
- P15. 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.

- 2009 P16. **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.
- P17. **Fan, Y.** and Song, Y. (2009). Is sprawl associated with a widening urban–suburban mortality gap? *Journal of Urban Health*, 86(5), 708-728.
- P18. Wang, X., Khattak, A., and **Fan, Y.** (2009). Role of dynamic information in supporting changes in travel behavior. *Transportation Research Record*, No. 2138, 85-93.
- 2008 P19. **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.
- P20. Khattak, A., **Fan, Y.**, and Teague, C. (2008). Economic impacts of traffic incidents on businesses. *Transportation Research Record*, No. 2067, 93-100.
- P21. Khattak, A. and **Fan, Y.** (2008). What exacerbates injury and harm in car-SUV collisions? *ASCE Journal of Transportation Engineering*, 134(2), 93-104.
- P22. 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)
- P23. 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.
- 2007 P24. **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.
- P25. 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.
- 2006 P26. 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.
- 2002 P27. **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).

Invited Articles

- P28. **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, Spring 2013*, 43(1), 5-13.
- P29. **Fan, Y.** (2010). Neighborhood design, family outdoor activities, and children’s well-being. *CYFC Connections, Winter 2010*, 4-7.

Book Chapters

- P30. 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

- P31. **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>

- P32. **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>
- P33. **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>
- P34. **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>
- P35. **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>
- P36. **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>
- P37. **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
- P38. **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>
- P39. **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>

Manuscripts in Preparation

- P40. **Fan, Y., Allen, R., and Sun, T.** Spatial mismatch in Beijing, China: Implications of Job Accessibility for Chinese Low-Wage Workers. Under 2nd-round review at *Habitat International*.
- P41. **Fan, Y.** Family Structure and Gender Differences in Travel Time: Marriage, Parenthood, and Breadwinner Status. Under 2nd-round review at the *Journal of American Planning Association*.
- P42. **Fan, Y.** Community-engaged participatory research at the intersection of urban planning and health disparities: A self-case study and lessons learned. To be submitted to a special issue in the *Journal of Community Engagement and Higher Education*.
- P43. **Fan, Y. and Chen, Q.** UbiActive: A smartphone-based tool for trip detection and travel-related physical activity assessment.
- P44. **Fan, Y., Das, K., and French, S.** Race, country of origin and park use in urban neighborhoods.
- P45. **Tilahun, N. and Fan, Y.** Perception and preference of racial composition in residential neighborhoods.

Grants

- 2014 G1. Hennepin County. *Evaluation of Hennepin County Community Works Program*. Y. Fan (Principal Investigator). February 2014-December 2014. \$40,000.
- 2013 G2. Metropolitan Council. *Specific Strategies for Achieving Transit-Oriented Economic Development: Applying National Lessons to the Twin Cities*. Y. Fan (Principal Investigator). November 2013-June

2015. \$86,102
- G3. U.S. Department of Transportation Federal Highway Administration. *SmartTrAC: A Smartphone Solution for Context-Aware Travel and Activity Capturing*. Y. Fan (Principal Investigator). June 2013-December 2014. \$148,406
- G4. Minnesota Department of Transportation. *Travel Behavior Over Time*. Y. Fan (Co-Investigator) June 2013-June 2015. \$261,635
- 2012 G5. National Institute for Transportation & Communities. *Understanding the Transit-Dependent Population*. Y. Fan (Co-Investigator). November 2012-May 2014. \$105,931
- G6. 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
- G7. Minnesota Department of Transportation. *Exploring Strategies for Promoting Modal Shifts to Transitways*. Y. Fan (Co-Principal Investigator). June 2013-December 2014. \$112,066
- 2011 G8. University of Minnesota Obesity Prevention Center. *Park Improvements, Behavioral Intervention, and Adult Obesity*. Y. Fan (Principal Investigator). February 2011-February 2012. \$49,913
- G9. 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
- G10. 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
- G11. 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 G12. 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
- G13. 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
- G14. 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 G15. 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). November 2009-November 2010. \$25,000
- G16. 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
- G17. McKnight Foundation, *Framework for Measuring Sustainable Regional Development for the Twin Cities Region*. Y. Fan (Co-Investigator). September 2009-January 2010. \$50,000
- G18. Blandin Foundation. *Itasca County Area Transportation Study*. Y. Fan (Co-Investigator). August 2009-December 2009. \$58,000
- G19. University of Minnesota 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
- G20. 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

G21. 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

G22. 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 G23. 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

Presentations

Refereed Research Conference Presentations

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.

12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. Do "smart places" have less urban health penalty? Podium Presentation at the *47th International Making Cities Livable Conference*, Portland, OR, May 10-14, 2009.
25. 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.
26. 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.
27. 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.
28. 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.
29. Economic impact of traffic incidents on businesses. Poster Presentation at the *Transportation Research Board 87th Annual Meeting*, Washington, D.C., January 13-17, 2008.

30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.

Invited Research Presentations

37. 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
38. 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
39. Transitway impacts: Accessibility, neighborhood change, and regional competitiveness. *National Center for Smart Growth*, University of Maryland, College Park, MN. 2/28/2012.
40. Assessing neighborhood and social influences of transit corridors. *American Planning Association Minnesota Chapter Conference*, St. Cloud, MN. 9/29/2011.
41. Space use, time use, and urbanism. *University of Gävle*, Gävle, Sweden. 6/11/2010.
42. Does urban form matter in solo versus joint activity engagement? *Transportation College, Southeast University*, Nanjing, China. 5/25/2009.
43. Are we coming together or coming apart? The emerging urbanism. *Peking University - Lincoln Institute*, Beijing, China. 5/22/2009.
44. Household excess travel and neighborhood characteristics: Associations and trade-offs. *Beijing Transportation Research Center*, Beijing, China. 5/19/2009.

Invited Outreach and Engagement Presentations

To the Humphrey School

45. Transit, equity, and regional economic development. *Humphrey School Dean's Advisory Council Meeting*, 10/23/2012
46. Culture, community and park use. *Humphrey Students of Color Association (HSOCA) Dialogue on Race Speaker Event*, 10/18/2011
47. Park improvements and family health: A discussion of the SPLASH project. *Human Capital Research Collaborative Brown Bag Seminar*, 2/15/2011.
48. 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.

49. Can light rail transit improve job access for low-wage workers? *Humphrey School Dean's Advisory Council Meeting*, 10/14/2010
50. Urban china in transition. *China-Humphrey Initiative Brown Bag Lunch Event*, 10/1/2009.
51. Are we coming together or coming apart? The emerging urbanism. *Regional Planning & Policy Brownbag Seminar*, 2/25/2009.

To the University of Minnesota

52. The SPLASH project: Parks, physical activity, and obesity prevention. *Obesity Research Group*, UMN. 5/22/2012.
53. Where are families to live and play? Urban form and family functioning. *Department of Geography Coffee Hour Seminar Series*, UMN. 10/7/2011.
54. Setting the agenda for transitway research. *Center for Transportation Studies Strategic Committee Meeting*, UMN. 5/10/2010.
55. Urban form and activity engagement. *Center for Transportation Studies Research Scholars Meeting*, UMN. 12/17/2008.

To the Public Community

56. Keeping Transportation Affordable. *National Conference of State Legislatures – Transportation Pre-Conference*, Washington, DC. 12/2/2013.
57. Results of interviews with developers and business leaders about TOD. *Twin Cities Metropolitan Council Community Development Committee Meeting*, St. Paul, MN. 6/3/2013
58. Achieving system-level, transit oriented jobs-housing balance. *Southwest LRT Community Works Steering Committee*, St. Louis Park, MN. 5/16/2013
59. Research on how to achieve system-level transit-oriented jobs-housing balance. *Twin Cities Metropolitan Council Transportation Committee Meeting*, Minneapolis, MN. 9/10/2012
60. Enterprising Twin Cities transitways. *Twin Cities Metro Transit Staff Meeting*, Minneapolis, MN. 9/11/2012
61. Transit, equity, and regional economic development: Lessons from the Twin Cities. *Twin Cities Metro Transit Brown Bag Seminar Series*, Minneapolis, MN. 6/29/2012
62. 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
63. Transit, accessibility, and neighborhood change: Whether and how to evaluate the impacts. *Transit Forum with Jim Oberstar*, Minneapolis, MN. 2/24/2012
64. Community, culture, and park use. *Twin Cities Urban Sustainability Forum*, St. Paul, MN. 11/3/2011.
65. Assessing neighborhood and social influences of transit corridors. *Ramsey County Board Meeting*, Saint Paul, MN. 10/4/2011.
66. Community, culture, and park use. *Active Living Hennepin County Partnership Meeting*, New Hope, MN. 10/5/2011.
67. Assessing neighborhood and social influences of transit corridors. *City of Saint Paul Planning Department*, Saint Paul, MN. 5/17/2011.
68. Evaluations of the Central Corridor project. *Minnesota Evaluation Association*, Saint Paul, MN. 4/14/2011.
69. Assessing neighborhood and social influences of transit corridors. *Hennepin-University Partnership Symposium*, Minneapolis, MN. 2/4/2011

70. The SPLASH project: Survey of parks, leisure-time activity, and self-reported health. *Minneapolis Park and Recreation Board Meeting*, Minneapolis, MN. 8/18/2010.
71. The Impact of Twin Cities transitways on regional labor market accessibility. *Hennepin-University Partnership Symposium*, Minneapolis, MN. 1/29/2010.
72. 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.
73. Using GIS-T to synchronize land and infrastructure development. *Metropolitan Council Regional Modeling Group Meeting*, St. Paul, MN. 12/5/2008.

Teaching

Courses Taught

University of Minnesota

- PA 5211: Urban Land Use Planning (Graduate-Level; Lecture/Lab), fall 2008, fall 2009, fall 2010, fall 2011, fall 2012
- PA 5271: GIS Applications in Planning and Policy Analysis (Graduate-Level; Lecture/Lab), fall 2008, fall 2009, fall 2010, fall 2011, fall 2012
- PA 8081: Urban Park Planning and Public Health (Graduate-Level; Lecture/Workshop), spring 2011
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), spring 2008
- UPP 562: Urban Transportation Planning III: Laboratory (Graduate-Level; Lecture/Lab), fall 2007
- UPP 503: Data Analysis for Planning and Management (Graduate-Level; Lecture/Lab), fall 2007

University of North Carolina at Chapel Hill

- GIS Workshop (Graduate-Level; Lab). fall 2005
- PLAN247: Solving Urban Problems (Undergraduate-Level; Lecture), spring 2006

Guest lectures

University of Minnesota

- PubH 6079: Obesity and Eating Disorders, 4/18/2011, 4/16/2012
- PA 8203: Neighborhood Revitalization: Theories and Strategies, 11/19/2012
- PA 5590: Economic Competitiveness: Firms, Clusters and Economic Development, 12/16/2010
- PA 5231: Transit Planning and Management, 11/4/2010
- PA 8204: Creating Good Work: Economic and Workforce Development, 5/3/2010
- PA 8081(7): State and Local Economic Development Strategies Workshop, 2/5/2009, 2/3/2011, 2/7/2013
- CE3201: Introduction to Transportation Engineering, 12/9/2009; 12/8/2010; 10/3/2011

Directed Studies

Thesis and Professional Paper Committees (Chair)

1. Andrew Guthrie. *Streetcars and Recovery: Analysis of Post--Katrina Building Permits around New Orleans Streetcar Lines*. Master Thesis in Urban and Regional Planning, 2010.
2. Yifei Wang. *Master Plan of Waterworks, Atlanta*. Professional Paper in Urban and Regional Planning, 2008.

Thesis and Professional Paper Committees (Member)

1. Andrew Owen. *Modeling the Commute Mode Share of Transit Using Continuous Accessibility to Jobs*. Master Thesis in Civil Engineering, 2013.
2. Qian Chen. *Analyzing the Economic Growth Data via Time-Varying Gaussian Graphical Models*. Master Thesis in Statistics, 2013.
1. Christopher Pulley. *Active Commuting in a District with a School Choice Policy*. Master Thesis in Epidemiology, 2013.
2. Xiaoyu Liu. *Study of Green Building Rating System in China Architectural Market*. Professional Paper in Architecture, 2013.
3. Anupam Srivastava. *Developing a New Density-Based Ramp Metering for Minnesota Freeways*. Master Thesis in Civil Engineering, 2011.
4. Aaron Wood. *Preserving Vernacular Architecture in Historic Tourist Destinations*. Master Thesis in Historic Preservation, 2011.
5. Nicole Armstead. *Historic Farmland Preservation*. Master Thesis in Architecture, 2011.
6. Libby Jensen. *Rural Green Space and Impacts on Physical Activity*. Master Thesis in Epidemiology, 2010.
7. Kevin Kuppe. *Non-Motorized Transit Oriented Development: The Case of the Harrison Neighborhood in Minneapolis*. Professional Paper in Landscape Architecture, 2010.
8. Pavithra Parthasarathi. *The Influence of Network Structure on Travel Behavior*. Ph.D. Dissertation in Civil Engineering, 2010.
9. Shawn Pearson. *Red Ribbon Ride Re-Routing Report*. Professional Paper in Urban and Regional Planning, 2009.

Independent Studies

10. Andrew Freerks. *An Examination of the Oakdale Bus Rapid Transit Station Area*. Spring 2013.
11. Laura Eash. *The Opportunities and Challenges of Updating Sun Ray Shopping Center*. Fall 2011.
12. Andrew Lee. *Small Commercial Node Analysis*. Fall 2011.
13. Spencer Agnew. *Evaluate Good Urban Form Using GIS*. Spring 2010.
14. Elizabeth Shevi. *A Practitioner's Journey through Implementing a Municipal Ordinance*. Fall 2008.

Service

Departmental

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|--------------|---|
| 2012-present | Member, Fellows Merit Committee, Humphrey School, UMN |
| 2012-present | 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-present	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

2012-present	Member, Systemwide 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

Journal Article Review (21 journals)

- American Journal of Preventive Medicine, 2012-2013
- BMJ OPEN (British Medical Journal), 2013
- Computers, Environment and Urban Systems, 2010
- Environment and Planning B: Planning and Design, 2013
- Evaluation and Program Planning, 2011
- Geocarto International , 2013
- Housing Policy Debate, 2013
- International Journal of Sustainable Transportation, 2008, 2013
- International Journal of Environmental Research and Public Health, 2014
- Journal of Advanced Transportation, 2011-2012
- Journal of Geographical Systems, 2013
- Journal of Health and Place, 2012-2013
- Journal of Planning and Education Research, 2009-2012
- Journal of Planning Literature, 2013
- Journal of Transport and Land Use, 2008-2013
- Journal of Urban Geography, 2007
- Journal of Urban Health, 2010
- Journal of Urban Planning and Development, 2012, 2013, 2014

- Medicine & Science in Sports & Exercise, 2007
- Science of the Total Environment, 2010
- The Social Science Journal, 2011
- Transport Policy, 2010
- Transportation Research Part A, 2013
- Transportation Research Record, 2005-2013
- Urban Studies, 2012-2013

Grant Proposal and Research Report Review (8 organizations)

- National Science Foundation Geography and Spatial Sciences Program, 2012-2014
- 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 (7 conferences)

- International Conference on Women's Issues in Transportation, 2013-2014
- Transportation Research Board Annual Meeting (including 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), 2005-2013
- International Conference on Travel Behavior Research, 2009, 2011
- Association of Collegiate Schools of Planning Annual Conference, 2008-2013
- American Planning Association Minnesota Conference, 2012
- International Association for China Planning Conference, 2011
- World Society for Transport and Land Use Research Conference, 2011
- Transportation Research Conference, 2010-2012

Conference Organizing and Moderating (6 conferences)

- Scientific Committee Member, The 13th Computers in Urban Planning and Urban Management Annual Conference, Utrecht, the Netherlands. July 2-5, 2013.
- Sustainability Working Group Member, WIIT Paris 2014: Women's Issues in Transportation, Paris, France. To be hosted on April 14-16, 2014.
- 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 Membership (6 organizations)

- World Society for Transport and Land Use Research, 2011-present
- International Association for China Planning, 2009-present
- Association of Collegiate Schools of Planning, 2009-present
- North American China Overseas Transportation Association, 2006-present
- Transportation Research Board, 2004-present
- American Planning Association (Founding Member of the Transportation Planning Division Research Committee), 2004-present

Community

- Advisor on the Twin Cities Fair Housing Equity Assessment Project, Metropolitan Council, St. Paul, MN, 2012-2013
- Elected Board Member, Transit for Livable Communities, Minneapolis, MN, 2011-present
- Advisor on the Twin Cities Compass Neighborhood Indicators Project, Wilder Research Center, St Paul, MN, 2011
- Advisor, Bike Walk Twin Cities Board Committee, St Paul, MN, 2011-2012.
- 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

Media Appearances

- [Streetcars and Recovery](#), Planetizen, December 11, 2013
- [How the Streetcar Shaped Post-Katrina New Orleans](#), The Atlantic Cities, 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

Consulting

- 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.