

Xinyu (Jason) CAO

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EDUCATION

Ph.D. Civil & Environmental Engineering, University of California, Davis, 2006

M.S. Statistics, University of California, Davis, 2005

M.E. Management Science and Engineering, Tsinghua University, Beijing China, 2001

B.E. Civil Engineering, Tsinghua University, Beijing China, 1998

EMPLOYMENT EXPERIENCE

Assistant Professor, Urban and Regional Planning Program at the Humphrey School of Public Affairs, University of Minnesota, Twin Cities, 2007-present

Affiliate Faculty, Department of Civil Engineering, University of Minnesota, Twin Cities, 2007-present

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

Associate Research Fellow, Upper Great Plains Transportation Institute, North Dakota State University, 2006-2007

Research Assistant and Teaching Assistant, Department of Civil and Environmental Engineering and Institute of Transportation Studies, University of California, Davis, 2001-2006

Course Instructor, School of Continuing Education, Tsinghua University; Beijing City University; Beijing Oriental University, 1999-2000

AWARDS AND HONORS

Wootan Award for Outstanding Ph. D. Dissertation in Policy and Planning, Council of University Transportation Centers, 2006

Outstanding Dissertation Award, the Friends of ITS-Davis, 2006

Dissertation Fellowship, University of California Transportation Center, 2005

RESEARCH EXPERIENCE AND GRANTS

1. Methodologies for Counting Bicyclists and Pedestrians in Minnesota: An Integrated Approach to Measuring and Modeling Non-motorized Traffic, 2011-2013. (Principle Investigator: Greg Lindsey; Investigator: Jason Cao), MnDOT, \$99,948.
2. Transportation, Environmental, and Health Impacts of Transitways: A Case Study of the Hiawatha Line, 2011-2012, (Principle Investigator: Jason Cao), sponsored by MnDOT, Met Council, Hennepin, Ramsey, Dakota, Washington, and Anoka Counties, University Metropolitan Consortium, and Center for Transportation Studies. \$120,000
3. Cost-benefit analysis of value pricing: Case study for MnPASS, 2009-2011, (Principle Investigator: Jason Cao; Investigator: Lee Munnich and Henry Liu), sponsored by the ITS Institute (RITA), \$106,755.

4. Blueprint for a Green, Healthy, and Livable Future: A symposium on transdisciplinary research in policy, planning, engineering, health, law, and humanities, 2009-2010, (Principle Investigators: Greg Lindsey, Yingling Fan, and Jason Cao), sponsored by MN Future Grant, University of Minnesota, \$25,000.
5. Exploring the effects of telecommuting on congestion mitigation, 2009-2011, (Principle Investigator: Jason Cao; Investigator: Frank Douma and Adeel Lari), sponsored by Minnesota Department of Transportation (through a \$3.5 million telecommuting pilot program in the Urban Partnership Agreement).
6. Value-added: impacts of the proximity to transitway stations on commercial properties, 2009-2010, (Principle Investigator: Jason Cao; Investigator: Yingling Fan), sponsored by MnDOT, Met Council, Hennepin, Ramsey, Dakota, Washington, and Anoka Counties, University Metropolitan Consortium, and Center for Transportation Studies. \$50,026.
7. Design of a Framework for Measuring Sustainable Regional Development, 2009, (Principle Investigator: Bob Johns and Ed Goetz; Investigator: Jason Cao, Yingling Fan, Carissa Schively Slotterback), sponsored by McKnight Foundation, \$50,000.
8. Impact of Twin Cities transitways on regional labor market accessibility: A transportation equity perspective, 2008-2010, (Principle Investigator: Yingling Fan; Investigator: David Levinson and Jason Cao), sponsored by Mn/DOT, Met Council, Hennepin, Ramsey, Dakota, Washington, and Anoka Counties, and University Metropolitan Consortium. \$58,383.
9. Substitution between e-shopping and travel: Evidence from the Twin Cities, 2008-2009, (Principle Investigator: Jason Cao; Investigator: Frank Douma), sponsored by the ITS Institute (RITA), \$113,021.
10. Understanding transportation impacts of transitways: Demographic and behavioral differences between transitway riders and other transit riders, 2008-2009, (Principle Investigator: Jason Cao), sponsored by MnDOT, Met Council, Hennepin, Ramsey, Dakota, Washington, and Anoka Counties, and University Metropolitan Consortium. \$58,400.
11. Residential choice and transit choice of apartment dwellers in small urban areas, 2006-2007, (Principle Investigator: Jason Cao; Investigator: Jill Hough), sponsored by the Federal Transit Administration.
12. Realized and unmet travel demand of rural and small-urban elderly women in North Dakota, 2006-2007, (Principle Investigator: Jill Hough; Investigator: Jason Cao), sponsored by the Federal Transit Administration.
13. Time-space structure of Chinese urban residents, 2006
14. The relationship between the built environment and physical activity, 2005-2007
15. Modeling the adoption of teleshopping, 2004-2005
16. Study of residential location decision-making as it relates to air quality and transportation, 2003-2005
17. Alternative-fuel vehicle scenario analysis, 2002-2004
18. Modeling individuals' consideration of responses to congestion, 2001-2003

Faculty Travel Grants from University of Minnesota

1. The Consortium for the Study of the Asia, \$2,250, 2009-2010
2. The Office of International Program, \$4,000, 2009-2010

PUBLICATIONS

Peer-Reviewed Papers

(* denotes co-author is my student or a non-faculty researcher at the University of Minnesota)

1. **Cao, X.** and Fan, Y. (Forthcoming). Exploring the influences of density on travel behavior using propensity score matching. *Environment and Planning B*.
2. **Cao, X.**, Xu, Z. *, and Douma, F.* (Forthcoming). The Interactions between E-Shopping and Traditional In-Store Shopping: An Application of Structure Equations Model. *Transportation*.
3. **Cao, X.**, Xu, Z. *, and Huang, Y*. (Forthcoming). Safety Benefits of Converting HOV lanes to HOT lanes: Case Study of the I-394 MnPass. *ITE Journal*.
4. Aditjandra, P. T., **Cao, X.**, and Mulley, C. (2012). Understanding neighbourhood design impact on travel behaviour: An Application of structural equations model to the British micro-analysis data. *Transportation Research A*, 46 (1), 22-32.
5. **Cao, X.** (2010). Exploring causal effects of neighborhood type on walking behavior using stratification on the propensity score. *Environment and Planning A*, 42 (2), 487-504.
6. **Cao, X.**, Douma, F. *, and Cleaveland, F. * (2010). The influence of e-shopping on shopping travel: Evidence from Twin Cities. *Transportation Research Record: Journal of the Transportation Research Board*, 2157, 147-154.
7. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2010). Neighborhood design and the accessibility of the Elderly: An empirical analysis in Northern California. *The International Journal of Sustainable Transportation*, 4 (6), 347-371.
8. **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 A*, 44 (10), 797-805.
9. **Cao, X.** (2009). Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. *Transportation*, 36 (2), 207-222.
10. **Cao, X.** (2009). E-shopping, spatial attributes, and personal travel: A review of empirical studies. *Transportation Research Record: Journal of the Transportation Research Board*, 2135, 160-169.
11. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2009). The relationship between the built environment and nonwork travel: A case study of Northern California. *Transportation Research A*, 43 (5), 548-559.
12. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2009). Examining the impacts of residential self-selection on travel behavior: A focus on empirical findings. *Transport Reviews*, 29 (3), 359-395. [One of the 30 best articles in the 30 year history of the journal]
13. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2009). No particular place to go: An empirical analysis of travel for the sake of travel. *Environment and Behavior*, 41 (2), 233-257.
14. Mokhtarian, P. L., Ory, D. T., and **Cao, X.** (2009). Shopping-related attitudes: A factor and cluster analysis of Northern California shoppers. *Environment and Planning B*, 36 (2), 204-228.
15. **Cao, X.** (2008). Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. *Transportation Research Record: Journal of the Transportation Research Board*, 2077, 97-105.
16. **Cao, X.** and Hough, J. (2008). Hedonic value of transit accessibility: An empirical analysis in a small urban area. *Journal of the Transportation Research Forum*, 47 (3), 171-183.

17. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2008). Differentiating the influence of accessibility, attitudes, and demographics on stop participation and frequency during the evening commute. *Environment and Planning B*, 35 (3), 431-442.
18. Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2008). The causal influence of neighborhood design on physical activity within the neighborhood: Evidence from Northern California. *American Journal of Health Promotion*, 22 (5), 350-358.
19. Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2008). Neighborhood design and children's outdoor play: Evidence from Northern California. *Children, Youth and Environments*, 18 (2), 160-179.
20. Hough, J., **Cao, X.**, and Handy, S. (2008). Exploring travel behavior of elderly women in rural and small urban North Dakota: An ecological modeling approach. *Transportation Research Record: Journal of the Transportation Research Board*, 2082, 125-131.
21. Mokhtarian, P. L. and **Cao, X.** (2008). Examining the impacts of residential self-selection on travel behavior: A focus on methodologies. *Transportation Research B*, 42 (3), 204-228.
22. **Cao, X.** and Chai, Y. (2007). Gender-role based differences in time allocation: A case study of Shenzhen, China. *Transportation Research Record: Journal of the Transportation Research Board*, 2014, 58-66.
23. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2007). Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. *Transportation*, 34 (5), 535-556.
24. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2007). Cross-sectional and quasi-panel explorations of the connection between the built environment and auto ownership. *Environment and Planning A*, 39 (4), 830-847.
25. **Cao, X.**, Handy, S. L., and Mokhtarian, P. L. (2006). The influences of the built environment and residential self-selection on pedestrian behavior: Evidence from Austin, TX. *Transportation*, 33 (1), 1-20.
26. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2006). Neighborhood design and vehicle type choice: Evidence from Northern California. *Transportation Research D*, 11 (2), 133-145.
27. Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2006). Self-selection in the relationship between built environment and walking: Evidence from Northern California. *Journal of the American Planning Association*, 72 (1), 55-74.
28. Goddard, T. B., Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2006). Voyage of the S.S. Minivan: Women's travel behavior in traditional and suburban neighborhoods. *Transportation Research Record: Journal of the Transportation Research Board*, 1956, 141-148.
29. **Cao, X.** and Mokhtarian, P. L. (2005). How do individuals adapt their personal travel? Objective and subjective influences on the consideration of travel-related strategies for San Francisco Bay Area commuters. *Transport Policy*, 12 (4), 291-302.
30. **Cao, X.** and Mokhtarian, P. L. (2005). How do individuals adapt their personal travel? A conceptual exploration of consideration of travel-related strategies. *Transport Policy*, 12 (3), 199-206.
31. Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2005). Correlation or causality between the built environment and travel behavior? Evidence from Northern California. *Transportation Research D*, 10 (6), 427-444.

Other Peer-Reviewed Publications

32. Handy, S., **Cao, X.**, and Mokhtarian, P. (2009). The role of self-selection in explaining the effect of built environment on active travel. Policy Brief for the Active Living Research.
33. **Cao, X.**, Handy, S. L., and Mokhtarian, P. L. (2008). Neighborhood design as a strategy for improving air quality: Evidence from Northern California. pp. 1-13 In *Transportation Land Use, Planning, and Air Quality*, eds. Pulugurtha, S., R. O'Loughlin, and S. Hallmark. Reston, VA: ASCE.

Short Essays

34. **Cao, X.** and Zhu, H. (2002). Application of privileges in addressing late construction payment. *Construction Enterprise Management*, 2, 18-19. (In Chinese)
35. **Cao, X.**, Zhou, S., and Zhu, H. (2001). Liability of default in bidding and tendering conspiracy. *Architecture*, 6, 11-13. (In Chinese)
36. **Cao, X.**, Zhu, H., and Zhang, W. (2001). Equity of liability in construction quality. *Construction Economy*, 4, 6-10. (In Chinese)
37. **Cao, X.** and Zhu, H. (2001). Amendment suggestion to agreement in construction contract. *Architecture*, 2, 14-16. (In Chinese)
38. Zhu, H. and **Cao, X.** (2001). Legal consideration of liability in construction quality. *Architecture*, 4, 4-5. (In Chinese)
39. **Cao, X.** and Zhu, H. (2000). Query and remedy in bidding and tendering activities. *Construction Economy*, 5, 9-11. (In Chinese)

Research Reports

40. **Cao, X.**, Douma, F., Cleaveland, F. & Xu, Z. (2010). *The Interactions between E-Shopping and Store Shopping: A Case Study of the Twin Cities*. Research Report CTS 10-12, Center for Transportation Studies, University of Minnesota, August.
41. Ko, K. & **Cao, X.** (2010). *Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis*. Research Report CTS 10-05, Center for Transportation Studies, University of Minnesota, June.
42. Kaydee, K., Tableporter, J., Senn, A., Day, J., **Cao, J.**, Fan, Y., Schively Slotterback, C., Goetz, E., and McGinnis, L. (2010). *Framework for measuring sustainable regional development for the Twin Cities Region*. Research Report CTS 10-04, Center for Transportation Studies, University of Minnesota, January.
43. **Cao, X.**, and Jordan, R. (2009). *Understanding Transportation Impacts of Transitways: Demographic and Behavioral Difference between LRT Riders and Other Transit Riders*. Research Report CTS 09-16, Center for Transportation Studies, University of Minnesota, July.
44. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2008). *Examining the Impacts of Residential Self-selection on Travel Behavior: Methodologies and Empirical Findings*. Research Report CTS 08-24, Center for Transportation Studies, University of Minnesota, October.
45. **Cao, X.** and Hough, J. (2007). *Hedonic Value of Transit Accessibility: An Empirical Analysis in a Small Urban Area*. Research Report DP-191, Upper Great Plains Transportation Institute, North Dakota State University.
46. **Cao, X.** and Chai, Y. (2007). *Gender-role based differences in time allocation: A case study of Shenzhen, China*. Research Report DP-190, Upper Great Plains Transportation Institute, North Dakota State University.

47. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2007). *Neighborhood design and aging: An empirical analysis in Northern California*. Research Report DP-189, Upper Great Plains Transportation Institute, North Dakota State University.
48. **Cao, X.** (2006). *The Causal Relationship between the Built Environment and Personal Travel Choice: Evidence from Northern California*. Ph.D. Dissertation, University of California Davis.
49. **Cao, X.** and Mokhtarian, P. L. (2005). *The Intended and Actual Adoption of Online Purchasing: A Brief Review of Recent Literature*. Research Report UCD-ITS-RR-05-07, Institute of Transportation Studies, University of California, Davis, June.
50. Handy, S., Mokhtarian, P., Buehler, T., and **Cao, X.** (2004). *Residential Location Choice and Travel Behavior: Implications for Air Quality*. Research Report, UC Davis – Caltrans Air Quality Project, University of California, Davis, June.
51. **Cao, X.** and Mokhtarian, P. L. (2004). *The Future Demand of Alternative Fuel Passenger Vehicles: A Diffusion of Innovation Approach*. Research Report, UC Davis – Caltrans Air Quality Project, University of California, Davis, July.
52. **Cao, X.** and Mokhtarian, P. L. (2003). *Modeling the Individual Consideration of Travel-related Strategies*. Research Report UCD-ITS-RR-03-03, Institute of Transportation Studies, University of California, Davis, May.

ACADEMIC PRESENTATIONS

1. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Presented at the 52nd ACSP Conference. Salt Lake City, Utah. October 13-16, 2011.
2. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Seminar presented at ITS, UC Davis. September 23, 2011.
3. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Invited presentation at Southeast University, Nanjing, China. August 17, 2011.
4. Cao. Tips for publishing in refereed journals. Invited presentation at Southeast University, Nanjing, China. August 17, 2011.
5. Cao, Wongmonta, and Choo. Examining the adaptation process of people's behavioral responses to high gasoline costs. Invited presentation at the International Conference of Chinese Transportation Professionals, Nanjing, China. August 14-17, 2011.
6. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Seminar presented at Hongik University, Seoul, Republic of Korea. August 5, 2011.
7. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Seminar presented at University of Washington, Seattle. August 1, 2011.
8. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Presented at World Symposium on Transportation and Land Use Research. Whistler, BC, Canada. July 27-30, 2011.
9. Cao, Xu, Huang. Safety Benefits of Converting HOV lanes to HOT lanes: Case Study of the I-394 MnPass. Poster presented at the 90th Transportation Research Board Annual Meeting. Washington DC. January 23-27, 2011. [Presented by Arthur Huang]
10. Cao, Xu, Douma. The Interactions between e-shopping and traditional shopping: An application of structural equations model. Presented at the 90th Transportation Research Board Annual Meeting. Washington DC. January 23-27, 2011. [Presented by Frank Douma]

11. Cao, Fan. Exploring the influences of density on travel behavior using propensity score matching. Presented at the 51st ACSP conference. Minneapolis, MN. October 7-10, 2010.
12. Cao, Xu, Douma. The Interactions between e-shopping and traditional shopping: An application of structural equations model. The Seventh International Conference on Traffic and Transportation Studies. Kunming, China. August 3, 2010.
13. Aditjandra, Cao, and Mulley. Understanding neighbourhood design impact on travel behaviour: An Application of structural equations model to the British micro-analysis data. Presented at the 12th World Conference on Transportation Research. Lisbon, Portugal. July 11-15, 2010. [Presented by Mulley].
14. Cao, Xu, Fan. Exploring the connections among residential location, self-selection, and driving: A case study of Raleigh, NC. Presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Zhiyi Xu]
15. Ko, Cao. Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis. Poster presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Kate Ko]
16. Cao, Douma, Cleaveland. The Influence of E-Shopping on Shopping Travel: Evidence from the Twin Cities. Presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Frank Douma]
17. Cao, Xu, and Fan. Exploring the causal influence of the built environment on travel behavior: A propensity score matching approach. Presented at the 12th Conference of the International Association for Travel Behaviour Research. Jaipur, India. December 13-18, 2009.
18. Cao. Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. Presented at the 12th Conference of the International Association for Travel Behaviour Research. Jaipur, India. December 13-18, 2009.
19. Cao, Douma, Cleaveland. The Influence of E-Shopping on Shopping Travel: Evidence from the Twin Cities. Fourth Specialist Meeting of the Network: ICT: mobilizing persons, places and spaces. Quebec, Canada. October 8-9, 2009.
20. Cao. Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. Presented at the 50th ACSP conference. Crystal City, VA. October 1-4, 2009.
21. Cao. Exploring the Connections among Residential Location, Self-Selection, and Driving Behavior: A Case Study of Raleigh, NC. Invited presentation at School of Transportation, Jilin University, July 2, 2009.
22. Ko, Cao. Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis. Invited presentations at the 3rd Workshop on Economic Geography. Beijing University, Beijing. June 22-23, 2009.
23. Cao, Douma, Cleaveland. The Impact of E-shopping on Travel: Evidence from Twin Cities. Techplan Peer Review Conference, University of Minnesota. Minneapolis, MN. June 18, 2009.
24. Cao, Fan. Exploring causal influences of the built environment on travel behavior using propensity score matching. Presented at the 11th international conference on Computers in Urban Planning and Urban Management (CUPUM). Hong Kong. June 16-18, 2009. [Presented by Yingling Fan]
25. Ko, Cao. Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis. Presented at the International Transport Economics Conference. University of Minnesota, Minneapolis, MN. June 15-16, 2009. [Presented by Kate Ko]

26. Cao, Douma, Cleaveland. Substitution between E-shopping and Travel: Evidence from the Twin Cities. Presented at the 20th Annual CTS Transportation Research conference. Bloomington, MN. May 19-20, 2009. [Presented by Frank Douma]
27. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Presented at the 20th Annual CTS Transportation Research conference. Bloomington, MN. May 19-20, 2009.
28. Cao. The influence of the built environment and residential self-selection on travel behavior: Evidence from Northern California. Seminar of Center for Transportation Studies. University of Minnesota, Minneapolis, MN. February 3, 2009.
29. Cao. Exploring causal effects of neighborhood design on travel behavior using stratification on the propensity score. Poster presented at the 88th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2009.
30. Hough, Cao. Relative desired mobility of elderly women living in rural and small urban locations in North Dakota. Presented at Impacts of Changing Demographics on Transportation Conference. Washington, DC. October 27-28, 2008, [Presented by Jill Hough]
31. Cao. Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. Presented at the ACSP and AESOP annual conference. Chicago IL. July 6-11, 2008.
32. Cao. Self-selection in the relationship between the built environment and walking. Presented at the 19th Annual CTS Transportation Research conference. St. Paul, MN. May 20-21, 2008.
33. Cao. Urbanization in China and the associated challenges. Seminar of Regional Planning and Policy, University of Minnesota. Minneapolis, MN. April 9, 2008.
34. Cao. Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008.
35. Cao, Mokhtarian, Handy. Neighborhood design and the accessibility of the Elderly: An empirical analysis in Northern California. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008.
36. Hough, Cao, Handy. Exploring travel behavior of elderly women in rural and small urban North Dakota: An ecological modeling approach. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008. [Presented by Jill Hough]
37. Cao, Chai. Gender-role based differences in time allocation: A case study of Shenzhen, China. Presented via videoconference at the international workshop on Frontiers in Transportation: Social Interactions. Amsterdam, Netherlands. October 14-16, 2007.
38. Cao, Mokhtarian, Handy. Differentiating the influence of accessibility, attitudes, and demographics on stop participation and frequency during the evening commute. Presented at the 2007 Access to Destination Conference. Minneapolis, MN. August 23-24, 2007.
39. Cao, Mokhtarian, Handy. Neighborhood Design as a Strategy for Improving Air Quality: Evidence from Northern California. Presented at the Transportation Land Use, Planning, and Air Quality Conference. Orlando, FL, July 9-11, 2007. [Presented by Song Bai]
40. Cao, Mokhtarian, Handy. Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. Presented at the 11th World Conference on Transportation Research. Berkeley, CA. June 24-28, 2007. [Presented by Susan Handy]

41. Cao. Practical tips for journal-style scientific writing. Seminar of Upper Great Plains Transportation Institute, North Dakota State University. Fargo, ND. April 13, 2007.
42. Cao. Smart growth as a strategy for reducing auto dependence. Invited presentation for Distinguished Speaker Series at the Center for Transportation and Logistics, Massachusetts Institute of Technology. Cambridge, MA. March 16, 2007.
43. Cao, Mokhtarian, Handy. Residential and travel choices of elderly residents of Northern California. Presented at the 48th Transportation Research Forum. Boston, MA. March 15-17, 2007.
44. Cao. Smart growth as a strategy for reducing auto dependence. Presented at the School of Policy, Planning, and Development, University of Southern California. Los Angeles, CA. February 20, 2007.
45. Cao. Smart growth as a strategy for reducing auto dependence. Presented at the Humphrey Institute of Public Affairs at University of Minnesota. Minneapolis, MN. February 5, 2007.
46. Cao. Land use as a strategy to reduce auto dependence. Seminar of Upper Great Plains Transportation Institute, North Dakota State University. Fargo, ND. February 2, 2007.
47. Handy, Cao. Cul-de-Sacs and Children's Outdoor Play: Quantitative and Qualitative Evidence. Poster presented at the Active Living Research Conference. San Diego, CA. February 2007. [Presented by Susan Handy]
48. Cao, Mokhtarian, Handy. Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
49. Cao, Chai. Gender-role based differences in time allocation: A case study of Shenzhen, China. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
50. Cao, Mokhtarian, Handy. Examining the impacts of residential self-selection on travel behavior: Methodologies and empirical findings. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
51. Mokhtarian, Ory, Cao. Shopping-related attitudes: A factor and cluster analysis of Northern California shoppers. Paper presented at the Second International Specialist Meeting on ICT, Everyday Life and Urban Change: "ICT - mobilizing persons, places and spaces", Bergen, the Netherlands. November 9-11, 2006. [Presented by Patricia Mokhtarian]
52. Cao, Mokhtarian, Handy. Examining the impacts of residential self-selection on travel behavior: Methodologies and empirical findings. Presented at 11th International Conference on Travel Behaviour Research. Kyoto, Japan. August 16-20, 2006. [Presented by Patricia Mokhtarian]
53. Cao, Mokhtarian, Handy. The impacts of the residential environment and residential self-selection on nonwork travel: Evidence from Northern California. Presented at the New Scholars Conference on Sustainable Transportation at Indiana University. Bloomington, IN. May 15-16, 2006.
54. Cao. Correlation or causality between the built environment and travel choice: Evidence from Northern California. Presented at the seminar in the Institute of Transportation Studies. University of California, Davis, CA. April 7, 2006.
55. Cao, Mokhtarian, Handy. Neighborhood design and vehicle type choice: Evidence from Northern California. Poster presented at the University of California Transportation Center conference. Berkeley, CA. February 9-11, 2006.
56. Cao, Mokhtarian, Handy. The impacts of the built environment and residential self-selection on nonwork travel: A seemingly unrelated regression approach. Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006.

57. Cao, Mokhtarian, Handy. How does the built environment influence vehicle type choice? Evidence from Northern California. Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006.
58. Goddard, Handy, Cao, Mokhtarian. Voyage of the S.S. Minivan: Women's travel behavior in traditional and suburban neighborhoods Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006. [Presented by Tara Goddard]
59. Cao, Mokhtarian, Handy. The relationship between auto ownership and residential self-selection: Evidence from Northern California. Invited presentation to the international workshop on Frontiers in Transportation: Social and Spatial Interactions. Amsterdam, Netherlands. July 2-6, 2005.
60. Cao. Causality or correlation between the built environment and pedestrian local shopping. Seminar in Department of Statistics, University of California, Davis. June 3, 2005.
61. Handy, Cao, Mokhtarian. Does Self-Selection Explain the Relationship Between the Built Environment and Physical Activity? Empirical Evidence from Northern California. Poster presented at the Active Living Research Conference. San Diego, CA. February 2005. [Presented by Susan Handy]
62. Cao, Handy, Mokhtarian. The influences of urban form and residential self-selection on pedestrian behavior. Poster presented at the 84th Transportation Research Board Annual Meeting. Washington DC. January 9-13, 2005.
63. Handy, Cao, Mokhtarian. The link between the built environment and travel behavior: Correlation or Causation? Presented at the 84th Transportation Research Board Annual Meeting. Washington DC. January 9-13, 2005. [Presented by Susan Handy]
64. Cao, Mokhtarian. How do individuals manage their personal travel? Objective and subjective influences on the consideration of travel-related strategies. Presented at the 83rd Transportation Research Board Annual Meeting. Washington DC. January 11-15, 2004.

OUTREACH PRESENTATIONS

65. Cao, Panelist on Land Use and Travel. 20th Anniversary of ITS, UC Davis. September 24, 2011.
66. Cao. Benefit and Cost Analysis of MnPass. Presented at Minnesota DOT. May 9, 2011.
67. Ko, Cao. Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis. Presented at the CTS Executive Council Meeting. Minneapolis, MN. August 12, 2010.
68. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Presented at Transitway Impacts on the Twin Cities Metropolitan Region: Research Results and Future Implications. Minneapolis, MN. March 26, 2010.
69. Ko, Cao. Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis. Presented at the Hennepin-University Partnership Symposium. Minneapolis, MN. January 29, 2010.
70. Cao. Transportation Infrastructure in China. Seminar for China Humphrey Initiative. Humphrey Institute, University of Minnesota. Minneapolis, MN. January 28, 2010.
71. Cao. The influences of the built environment on reducing auto dependence and increasing active travel. Citizen's Forum. Roseville, MN. April 24, 2009.

72. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Metro Transit. Minneapolis, MN. March 24, 2009.

SERVICES

Committee Membership

Editorial Advisory Board for *Transportation*, 2011-2013

Travel Behavior and Values, Transportation Research Board, 2008-2014

Effects of Information and Communication Technologies (ICT) on Travel Choices, Transportation Research Board, 2009-2012

World Society on Transportation and Land Use Research, 2011-2014

Conference Committee

COTA International Conference of Transportation Professionals, Beijing China, area editor, 2012

The 3rd Conference on Innovations for Travel Modeling, Tempe, AZ 2010

Frontiers in Transportation - Social and Spatial Interactions, Amsterdam, Netherlands, 2005